

نشرة براءات الاختراع

NI E IIY

(DDĐD/d/dē γα) ūπd'ĒDđ/d'/d'



المملكة العربية السعودية
مدينة الملك عبد العزيز للعلوم والتقنية
الإدارة العامة لبراءات الاختراع

ēD τ ' dĒ μ

ĒĒdđdēd ū π ϐ I YĒ Y d'd'ĒĒD T ĒĒĒĒ A P
patents@kacst.edu.sa √ ó I ϐ ĒĒdđdĐD ϐ ĒĒd'dĒdD N α

İ Y EβΣ ξκπ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

نشرة براءات الاختراع

	γ	Ÿ	ÿ	Πν	τνŸ	Π'	Ÿ	˘Ÿ	ΙΣ	Ι	Ξ	Ε	Πν	
νΕ	Ÿ	Μ	ΜŸ	Ι	İ	ζ	νΙ		Ÿ	Ε	Ι	Ο	π	ΙΣ
	(ĐĐĐĐ/đ/dē γα) ûπd'ĚĐđ/d'/d' NΙΞ ΙİŸ													

الصفحة	المحتويات
ě	. E ν ν
ĐĚ	. ν Ξ Ε α Ι Ι
ĐĚ	. E ν E ν H
Đě	.
ĐĚ	. EE
Đè	.
đē	. Υ α
Ěd'	.
Ěē	. ōōōōōŸΠ'

Ě-

Ε Πν

بيانات براءات الاختراع الممنوحة

٤-

٤ ١٧

تنويه

ŭΞ I ŭΣ ŭ Xν μ μ Ÿ ĩ Ÿ EI P ν
 : τ ĩ ŭπdĚĎě/Ě/dĎ H (dĚ/)
 μ ŸΞ ŸĚ Ε Δν α νB ˘ μŸ μ˘ Ε Σ υK Ÿ M B ”
 ŭβ τŭ ĩ ĨΞΞ Ĩ MB ˘ þ Ĩ o ° Ε Ĩ ξ Πν H μ Ĩ
 .“ Ε Δν Ε ε Π



:E [11]
ûπd'ĒÐÐ/Ðd'/ÐÐ :Δv H [45]
ÐÐÐd'/ÐĒ/dĒ :γûûα

السعودية SA [19]
vε ÿ M MY I İ ζ v I

[12]

: [30] ÉĒĒd'Ēě [CH] ≡ ≡ d'èĒĒ/d'd'/d'Ð [51] : [51] Int. Cl.⁶: A61K-009/10; A61K-03/19; A61K-031/195 [56] : [56] d'èĒĒ/ÐĒ/dĒ ĒĒĒĒĒĒd' ~ E d'èĒĒ/d'Ð/ÐĒ ĒĒd'd'èĒĒ ~ E d'èĒĒ/ÐĒ/ÐĒ ĒĒÐĒĒĒĒ ~ E d'èĒĒ/d'd'/ÐĒ ĒĒĒĒĒĒĒ ~ E	α υ I π I : [72] B o ~ N α v : [73] ≡ ≡ ŷM Ðd'ēþĒĒĒĒ I M Π : [74] Π M I Bv I E ~ : [21] èĒd'ÐÐd'ēÐ : [22] .ûπ d'Ēd'Ð/ÐĒ/ÐĒ : [24] . d'èĒĒ/ÐĒ/ÐĒ :γα [24] : ÐÐÐd'/ÐĒ/dĒ :γα ûπ d'ĒÐÐ/Ðd'/ÐÐ
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: [54]

.

û I Σ YE ≡ γ ŷ : [57]

μû Ĩ Kû ~ (diclofenac) ζ ûv α vμ

E ψ tĒŷ I ≡ μ' μ β γ

Kûπ μû YE ≡ YE ε þ

. v

E Σ v Ĩ Ðd'



Ė :E [11]
 ûπdĖĖĐ/Ďĕ/Đĕ :Δv H [45]
 ĐĐĐđ/ĎĖ/đĕ :γûûα

السعودية SA [19]
 vε Ĩ M MY I Ĩ ζ v I

[12]

.ûπ dĖĖđ/Ďđ/đĎ :	[22]	ûv þμûB I BûΞ û : ú	[72]
. đĕĕĎ/ĎĖ/Ďđ :γα		N v û þM – μ I ûv û I μ ûα v π B	
:	[24]	.ĭ v I Π ζ I v π þ v Mv π B	
ĐĐĐđ/ĎĖ/đĕ :γα ûπ dĖĖĐ/Ďĕ/Đĕ		A Π O Ξ ŷ v Π v ŷΠ :	[73]
:	[30]	. α.	
ĖĕđđĖĖđ [GB] EIE đĕĖĖ/Ďĕ/đĕ		O ˇ ĐĕĕĖþπ þđđ μĖ I vĖ μ α ŷ :	
: Ė	[51]	. I v π þ ‡	
Int. Cl. ⁷ : C10M 143/08-C08FF 210/14		ŭ Π Ĩ I E I ŷΞ :	[74]
:	[56]	ĕĐđđĐĐđĐ :	[21]
đĕĖĕ/đĎ/ĐĐ ĖĕĖĖĕđĕ ˇ E			

. K K : [54]
 û M 'Aû ûE γ ŷ : [57]
 û α Y El τ Ĩ ŷ Π mineral oil v I ŷ
 copolymerizing û M' E û π YE
 ûv þ - ûþ μû ŷ τ Ĩ μ v μ A M
 E K đĖ τ Ĩ u E v ŷ þ alpha-olefins
 v 'A () τ Ĩ ŷ Π M þ E I B þμ
 Ĩ I τ Ĩ terravalent titanium ˇα Ĩ
 magnesium dihalide Ξ v I π v v μ
 ûΞ T û E alkyl ester Ξ
 (A) aromatic carboxylic acid u ũ Ĩ
 .trialkyl aluminium v ˇ ŷ ˇ vĖ v 'A

E Σ v Ĩ Ė

ě :E [11]
 ûπd'ĒĒĐ/Ďě/ĐĎ :Δv H [45]
 ĐĎĐđ'/dĐ/Ďě :γûûα



السعودية SA [19]
 vε ÿ M Mÿ I İ ζ v I

[12]

: [30] èĎđĎĎĒ [CH] ≡ ≡ đ'èèĎ/Ďđ/Đě : Ē [51] Int. Cl.⁷: CO7C 403/20, A61K ,31/215 : [56] đ'èěđ/Ďě/dě đěĒĒěđđ ~ E đ'èĒě/ĎĒ/đĎ ĒĒěěđđĐ ~ E đ'èèĎ/ĎĐ/dđ ĒèĎĎĒěĒ ~ E	N B v B : [72] B o ~ O – μ α π . ů : [73] O ~ ≡ þÿM þ ≡ ≡ Mv B đĎĒ : ≡ ≡ þĒĎĎĐ oΞI İ Σ v : [74] èđđđĎđđĐ : [21] ûπ đ'Ēđ'/Ďě/ĐĒ : [22] đ'èèđ/ĎĒ/Đè :γα : [24] ĐĎĐđ'/dĐ/Ďě :γα ûπ đ'ĒĒĐ/Ďě/ĐĎ
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. : [54]

R¹- ũûΣ ũû I ũû v : ũû [57]

-cis-dđτ İ ŷI R¹ γE OCH(R²)OC(O)R³

τ ũ İ ŷI ũ R² þ(13-cis-retinoyl) ŷ ũ v

τ İ ŷI R³ E Σ ŷ İ B ~ μ B I π

μ ũ ε ũΞ ũΞΞ υK E Σ ŷ İ B

ũ I B T ũ İ ĩÈ ũ İ ũα I I Ξ

.(dermatological disorders)

E Σ v İ ē



السعودية SA

[19]

vε ÿ M Mÿ I İ ζ v I

É :É [11]
 ûπd'ĒÐÐ/Ďě/ÐĎ :Δv H [45]
 ÐĎĎd'/dĎ/Ďě :γûûα

[12]

ûπ d'ĒdĎ/dĎ/d'd : [22]	þ ûΞ Ξ μt Ē û þ Π I π : [72]
. d'èèĎ/Ďě/ĎĒ :γα	Υ Ξ υ π
: [24]	lv̇ O B Avβ α- Π : ú [73]
ÐĎĎd'/dĎ/Ďě :γα ûπ d'ĒÐÐ/Ďě/ÐĎ	Ξ ŷ 'A B Π . B o
: [30]	v ĒĎĒ þN v þ Ē v Ξ Π :
ÈèĎĒèèÐ [GB] v d'èÈè/ĎĎ/ÐĎ	þI ûβv þI ûΞ û B þN ûπ Π
: Ē [51]	Bv þU I 'A è-Ē I N Ξ I [74]
Int. Cl. ⁷ : C07D-403/04, C07D-473/06	ÿ μ Ξ : [21]
: [56]	èĎĎĎĎd'è :
d'èÈÈ/Ďě/d'È ÐĒĒĒĒĒ ~ Ē 'A	

~ d' ~ žEEΣ žIIİ ~ ž βΣ m α ŷŲ 'YE
 ûεE v Iûπ εΠ (A) ŷŲ d' ~ Ð
 μB ûπ Ē K R³ ŷŲ þ ŷI Ξ ή ~ ŷI Ξ
 NR⁴R⁵ - İ B ~ (nitro) v İ B ~
 Ē K þ Yÿ μİ μ εΞ þ v ŷ ŷŲ 'YE
 ŷû ~ (alkyl) ŷû İ B ~ μB I π
 R⁴ μ ŷ μ ~ þ (alkylcarbonyl) ŷv
 û ŷ μÈûΣ û μB v Ē K Ω R⁵
 þ ûεv I ûΞ εE Ξv B ή İ B
 (d) ûΣ μ ûY Ωε Ų IE Tÿ
 . ζ v Y

Kú - ú -ě úΞ : ú [54]

. ú o

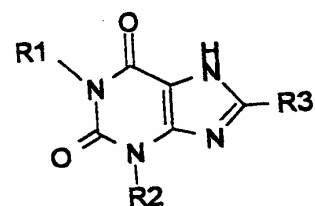
ıÈûŶ ûε û Kπ γŶ : [57]

Y / ~ H I İ ĩ Y

Y Tÿ / ~ Π ΕΣ

û ŷ ûv τ İ ε ζ ŷ Π þ σ ĩ

(d) Σ υK 'A μ Ξ ή ŷα



(1)

E Σvİ dĒ

þ žΞv ζKμ K' þ žv I Σ ŷ ε on Δ ~
 μûİ μ ε ûΞ þ R² þ R¹ μû ŷ ŷŲ 'YE
 :() Σ μ d' MB ~ ŷ İ B þ Yÿ

-(CH₂)_m-A ()

đč :E [11]
 ûπđĒĐĐ/Đě/ĐĎ :Δv H [45]
 ĐĎĐđ'/dĐ/Đě :γûûα



السعودية SA [19]
 vε ÿ M Mÿ I İ ζ v I

[12]

:	v I Π B ρO I ŷ ≡ I α I : [72]
ĐĎĐđ'/dĐ/Đě :γα ûπ đĒĐĐ/Đě/ĐĎ	I 'A B ≡ ÈB : [73]
:	≡ N B È đĐ/Ē ρN π N B È :
ĒēĐĒĐĎ' [GB] v đ'ēĒē/Đ'ē/đĎ	Bv ρO υ I Ē ρυ μ I μlv
: Ē	oΞI İ Σ v : [74]
Int. Cl. ⁷ : A61K-031/545	ēđđĐĎđ'È : [21]
:	.ûπ đĒđĐ/ĐĒ/ĐĒ : [22]
đ'ēēē/Đđ/ĐĒ ĒđĒđđĐē ~ E	. đ'ēēđ'/dĐ/dđ :γα
đ'ēĒĐ/Đ'ē/dĒ đ'ēēđ'ĒĒđ v E	
đ'ēĒđ/Đ'ē/Đē ĐđĐēĒĎ' v E 'A	

. : [54]

: [57]

core

film

cefuroxime axetil

coat

Bioavailability

E Σ vİ đ'ē



$\mathfrak{d}\mathfrak{D} : \mathfrak{E}$ [11]
 $\mathfrak{U}\pi\mathfrak{d}'\mathfrak{E}\mathfrak{D}\mathfrak{D}/\mathfrak{D}'\mathfrak{E}/\mathfrak{D}\mathfrak{E} : \Delta\mathfrak{v} \text{ H}$ [45]
 $\mathfrak{D}\mathfrak{D}\mathfrak{D}\mathfrak{d}'/\mathfrak{d}\mathfrak{d}'/\mathfrak{d}\mathfrak{d}' : \gamma\mathfrak{U}\mathfrak{U}\mathfrak{a}$

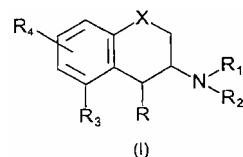
السعودية SA [19]
 $\mathfrak{v}\mathfrak{E} \quad \mathfrak{Y} \text{ M } \mathfrak{M}\mathfrak{Y} \text{ I } \mathfrak{I} \text{ Z} \quad \mathfrak{v} \text{ I}$

[12]

$\mathfrak{D}\mathfrak{D}\mathfrak{D}\mathfrak{d}'/\mathfrak{d}\mathfrak{d}'/\mathfrak{d}\mathfrak{d}' : \gamma\mathfrak{a}$	[24]	$\mathfrak{B}\mu \text{ v } \mathfrak{U} \quad \mathfrak{B}\mu \mathfrak{E} \quad \mathfrak{v} \text{ B-N} :$	[72]
$\mathfrak{U}\pi \mathfrak{d}'\mathfrak{E}\mathfrak{D}\mathfrak{D}/\mathfrak{D}'\mathfrak{E}/\mathfrak{D}\mathfrak{E}$	[30]	$\mu \text{ Bv I } \mathfrak{y} \text{ v I } \mathfrak{bN} \quad \mathfrak{y} \quad \mathfrak{v} \beta \mathfrak{E} \mathfrak{b} \mathfrak{U} \text{ v } \mathfrak{v} \mathfrak{t} \mathfrak{E}$	
$\mathfrak{E}\mathfrak{e}\mathfrak{D}\mathfrak{E}\mathfrak{d}\mathfrak{E}\mathfrak{d}' \text{ [SE] I } \mathfrak{E} \quad \mathfrak{d}'\mathfrak{e}\mathfrak{E}\mathfrak{e}/\mathfrak{d}\mathfrak{D}/\mathfrak{D}\mathfrak{D}$	[51]	$\mathfrak{Y} \mathfrak{E} \mathfrak{B}\mu \mathfrak{E} \mathfrak{v} \beta \mathfrak{E} \text{ Z } \mathfrak{Y} \mu \text{ B } \mathfrak{B}\mu \mathfrak{E}$	[73]
$\mathfrak{I} \mathfrak{E} \quad \mathfrak{d}'\mathfrak{e}\mathfrak{E}\mathfrak{e}/\mathfrak{d}\mathfrak{D}/\mathfrak{D}\mathfrak{D}$	[56]	$\mathfrak{E} \text{ B } \mathfrak{Y} :$	
$\mathfrak{I} \mathfrak{E} \quad \mathfrak{d}'\mathfrak{e}\mathfrak{E}\mathfrak{e}/\mathfrak{d}\mathfrak{D}/\mathfrak{D}\mathfrak{D}$		$\mathfrak{I} \mathfrak{E} \mathfrak{B} \mathfrak{E}\mathfrak{e} \mathfrak{d}'\mathfrak{e}\mathfrak{d}'\text{-N } \mathfrak{B} \text{ B } \mathfrak{I} \mathfrak{E} :$	[74]
$\mathfrak{I} \mathfrak{E} \quad \mathfrak{d}'\mathfrak{e}\mathfrak{E}\mathfrak{e}/\mathfrak{d}\mathfrak{D}/\mathfrak{D}\mathfrak{D}$		$\mathfrak{Y} \pi \mu \mathfrak{E} :$	[21]
$\mathfrak{I} \mathfrak{E} \quad \mathfrak{d}'\mathfrak{e}\mathfrak{E}\mathfrak{e}/\mathfrak{d}\mathfrak{D}/\mathfrak{D}\mathfrak{D}$		$\mathfrak{e}\mathfrak{D}\mathfrak{d}'\mathfrak{D}\mathfrak{d}'\mathfrak{E}\mathfrak{E} :$	[22]
$\mathfrak{I} \mathfrak{E} \quad \mathfrak{d}'\mathfrak{e}\mathfrak{E}\mathfrak{e}/\mathfrak{d}\mathfrak{D}/\mathfrak{D}\mathfrak{D}$		$\mathfrak{U}\pi \mathfrak{d}'\mathfrak{E}\mathfrak{d}'\mathfrak{D}'\mathfrak{E}/\mathfrak{D}\mathfrak{e} :$	
$\mathfrak{I} \mathfrak{E} \quad \mathfrak{d}'\mathfrak{e}\mathfrak{E}\mathfrak{e}/\mathfrak{d}\mathfrak{D}/\mathfrak{D}\mathfrak{D}$		$\mathfrak{d}'\mathfrak{e}\mathfrak{e}\mathfrak{D}/\mathfrak{d}\mathfrak{D}/\mathfrak{D}\mathfrak{D} : \gamma\mathfrak{a}$	

$\mathfrak{I} \quad \Sigma \mu$

$\mathfrak{I} \quad \Sigma \mu$



(Preparation) $\pi \mathfrak{U}\mathfrak{U}\mathfrak{U}\mathfrak{Y}\mathfrak{E} \quad \mathfrak{U}\mathfrak{U}\mathfrak{U} \mathfrak{Y} \mathfrak{B}$
 (Pharmaceutical $\mathfrak{I} \mathfrak{U}\mathfrak{Z} \quad \mathfrak{U}\mathfrak{Y}\mathfrak{E} \mathfrak{E}$
 $\mathfrak{I}\mathfrak{E}\mathfrak{U}\mathfrak{Y} \mathfrak{U}\mathfrak{E} \quad \mathfrak{B} \text{ I } \mathfrak{U}\mathfrak{E} \quad \mathfrak{B} \text{ preparations})$
 (Central $\mathfrak{U}\mathfrak{M}\mathfrak{U} \quad \Sigma \mathfrak{Y} \text{ M B } \mathfrak{Y}$
 $\mathfrak{U} \text{ I } \mathfrak{E} \text{ nervous system disorders})$
 $\mathfrak{I} \quad \Sigma$

$\mathfrak{E} \quad \Sigma \mathfrak{v}\mathfrak{I} \mathfrak{D}\mathfrak{e}$



đđ' :E [11]
 ûπđĒĐĐ/ĐĒ/Đě :Δv H [45]
 ĐĐĐđ'/đđ'/đĐ :γûûα

السعودية SA [19]
 √ε ÿ M MY I İ ζ √ I

[12]

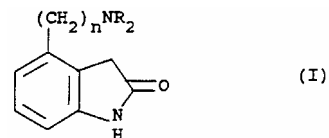
:	[24] M ûΠ Ω û ÞM ûB û : [72]
ĐĐĐđ'/đđ'/đĐ :γα ûπ đĒĐĐ/ĐĒ/Đě	û BΞ
:	[30] M û Oν α Ivt μ È γ Ξ : [73]
ěĐĒĒĐě [GB] √ đěěĐ/ĐĒ/đě	I
: Ē	[51] Ξ μI B μ ÞM Iv : [74]
Int. Cl. ⁷ : C07D 209/34	[56] Bv .u .u' đ'-ě ŷ .o' Π I β π [74]
:	[21] Ÿ π μ Ξ : [21]
đěĒĒ/Đě/đđ ĒěĒĒěěđ ŷ E	[22] ěđđđĐđēĐ :
đěĒĒ/ĐĒ/Đđ ĒěđđĐđđ ŷ E	.ûπ đĒđđ'/đĐ/Đě :
đěĒĒ/đĐ/đĒ ĒĒĐěěđđ ŷ E	. đěěđ'/Đě/đđ :γα
đěěđ'/ĐĒ/Đđ ěĐđĐĐěě ŷ E	

ŷû √α ŷ C₁₋₄ŷû μûĪ E Ī R¹ μ γE
 (substituted I ŰΞ ŷŰ √α ŷ (phenyl)
 .đ τ ' đ' μĪ E Ī n μ Þ phenyl)

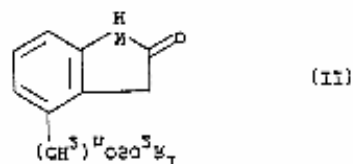
úΞ ú ú : [54]

û YE ûε û κπ γ Ÿ : [57]
 (I) A o A

E Σ vĪ è



ŷû μ û đ τ û ' đ' μĪ E Ī n μ γE
 ŷ hydrogen μ B Iûπ μĪ E Ī R Ī B
 κ Ωû ŷ τ ' đ' μ (alkyl) ŷ Ī B
 μ A Ī β Ÿ μ Y Þ (C₁₋₄) μ
 esterifying E ŰΞ Ξ YE) II A
 HNR₂ μ Ω (hydroxyl ŷΞ I A
 (I) Aû Ξv βΣ γΞ R oα μ
 . ĸ IŸ Δ μ



đ :E [11]
 ûπđĒĒĐ/ĎĒ/Đě :Δv H [45]
 ĐĐđ'/đđ'/đĐ :γûûα



السعودية SA [19]
 vε ÿ M Mÿ I İ ζ v I

[12]

[EP] ï 'A đ'èĒě/đĐ/đđ' ĒěĐĐĒĒĒē : Ē Int. Cl.⁷: C10G 25/02,B01J 39/04 B01D 15/00,C07C 7/11 đ'ěěđ/ĎĒ/ĐĒ đěēēđĒđ' ~ E đ'ěěĒ/Ďđ'/Đě đēđēĐēĒ ~ E đ'èĒě/Ďè/đē ĒĒēđēđđ' ~ E	PM ûΞ I N v v N vπ : [72] . B μ α μ Ξ ŷ [73] α . μ Ξ : [74] Iv π ρ μ B Ξ υ đ'ĒĒĒĒ A vB : [21] Π M IBv I Ē' : [22] ēĐđđĐĐĒĒ : [24] .ûπ đ'Ēđđ'/Ďđ'/Đđ' : [24] . đ'ēēĎ/Ďě/Đđ :γα : ĐĐĐđ'/đđ'/đĐ :γα ûπ đ'ĒĒĐ/ĎĒ/Đě
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ú ú ú K ú K : [54]

γû M M' ŷ κπ γŷ : [57]

û ή Σ ρ υ Yİ Ξ μ mercury

û v I û ζ K ŷ Q non-polar

M ή Ů ŷYαī liquid hydrocarbon Ξ

μûī ζ K . natural gas condensate ŷ

MM EI Ω oB ŷ I Ξ N Ē γ

ŷI Av μ μ' ŷYαī ρ Σ adsorbent

İ B τ İ υ E ion exchange resin v ~

μ μ μ ε ξK . Πv thiol ŷ Q

IM oB ŷ υ B Ξ μ γ M M'

.%ēē μī

E Σ vİ Ē

μ Π ρ Ε Σ ν ï è



Ēē :Ē [11]
 ūπd'ĒĒĐ/d'd'/d'Ē :Δv H [45]
 ĐĐĐĐ/Đd'/đĐ :γûûα

السعودية SA [19]
 vε ÿ M Mÿ I İ ζ v I

[12]

:	[24] ū N ū N vπ b v I : [72]
ĐĐĐĐ/Đd'/đĐ :γα ūπ d'ĒĒĐĐ/d'd'/d'Ē	v Nvπ N v b μΞ [73]
:	[30] α A π O Ξ ŷ vπv v ŷπ :
éĐĐd'Ēéd' [NL] Iv π d'éeĐ/Đě/Đē	O ĐēēĒ u π đĐ μÈ IvÈ μ α ŷ :
: Ē	[51] Iv π ‡ [74]
Int. Cl. ⁷ : C08G-067/02	[56] Ū π I E I ŸΞ : [21]
:	[22] èd'dĐĐĐĐÈ :
d'èĒé/ĐĒ/ĐĒ ĒĒd'ĒĒd'Đ ~ Ē	. ūπ d'Ēd'Đ/Đd'/ĐĒ :
d'èĒé/ĐĒ/Đē ĒĒĐĒédĒ ~ Ē	. d'èéd'/Đě/đě :γα
d'èĒé/Đē/đĐ ĒĒđēĐēđ ~ Ē	

. K : [54]
 ū M 'Aŭ μπ γ Ÿ : [57]
 ūB I IŭvĪ vŭΞE P K v I π
 ū M μŭ β^ B M ŷ π Yβ v E E
 IΞ ~ ŷ ~ μ 'A v v I π
 ∞-olefin μ β ~ - β ~ μ

E Σ vĪ đĐ

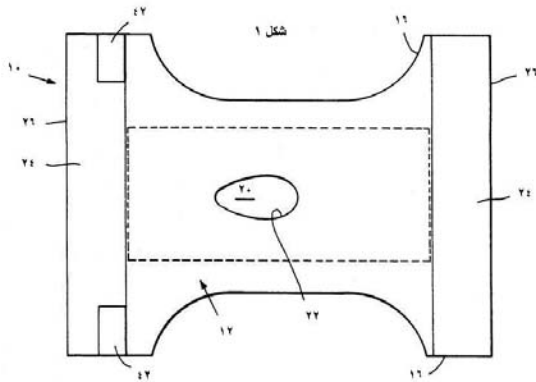


đ :E [11]
 ûπđĒĒĐ/dđ/Đè :Δv H [45]
 ĐĐĐĐ/ĐĐ/dĐ :γûûα

السعودية SA [19]
 vε ÿ M Mÿ I İ ζ v I

[12]

: [24] ĐĐĐĐ/ĐĐ/dĐ :γα ûπ đĒĒĐ/dđ/Đè [30] : [30] ĐĒđđĒē [US] ĩ ĩIE đēĒĒ/Đē/ĐĐ [51] : Ē [51] Int. Cl.⁷: A61F 13/15 [56] : [56] đēĒđ/ĐĒ/Đē ĒĐĒēđĒĐ ~ E	IvĒ α μ . : [72] v ÿ B Ivť uK : [73] þ v ≡v ≡ MĒ ÿ B Ivť μ : [73] ĩ ĩIE ĒēĐĐĐ π [74] oΞI Ĩ Σ v : [21] èĐđĐĐĐē : [22] .ûπ đĒđĐ/dĐ/Đē : [22] . đēēĐ/Đē/ĐĐ :γα
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κú ú ú úo úY : [54]

. ú

ÿ Ÿ ŮΞ oX βE E γ Ÿ : [57]

B E Π þÿβ oX βE Ÿβ þEIE E
 P 'A þÿ ΕΚβν v þÿ ≡ ΕΚβν ή
 ŮEα v . v B E Π ≡
 ŮΣ βν I ŸΣ (Passageway)
 Ů βν ξκπ ŸMĭ τ ĩ Ÿ Ÿ þoX βE 'A τ
 τ ĩ MB þ v 'A .oX βE N IB μĭ
 Ův T Ÿ Ÿ Ÿ . v T ĩμ þÿ ĩ
 Ÿû ε ĩ Π Eα τ ĩ ó Eα γ v τ ĩ
 IB T Ÿ Ωv IE τvĭ τ´ ó Eα BE
 (đ'Ÿ Π) .A ή ή Σ βν I τ´

ÿ π Ē þ E Σ vĭ Ē

dĚ :E [11]
 ūπdĚĖĐ/dĖ/dĚ :Δv H [45]
 ĐĐĐĐ/Đđ/ĐĐ :γûûα



السعودية SA [19]
 vε ÿ M MY I İ ζ v I

[12]

:	[24]	N B p I v I v I :	[72]
ĐĐĐĐ/Đđ/ĐĐ :γα ūπ dĚĖĐ/dĖ/dĚ		α A Π O Ξ ÿ vΠv v ŷΠ :	[73]
:	[30]	O ĐēēĚ u π Đđ μĚ lvĚ μ α ŷ :	
ĖēdĖĖĖē [GB] v dĖĖē/ĐĖ/dĖ		lv π p t	[74]
: Ě	[51]	ŭ Π İ I E I ŸΞ :	[21]
Int. Cl. ⁷ : B01J 23/74 - C07C 1/04	[56]	ēĐđđĐĐĐđ :	[22]
:		. ūπ dĚđđ/Đđ/ĐĖ :	
dĖĖĚ/Đē/Đđ ĖĚđđĖĐĖ ~ E		. dĖēĐ/ĐĖ/dĖ :γα	
dĖĖĖ/Đđ/Đē ĐēđēĐĖ ~ A			
dĖĖē/Đđ/dĖ đĐēĐđĖ ~ A			

E Σ v İ đĐ

K ú t K : [54]

t ξ ú

. K ξ

I ũ M ũβE ũYE ũε : ũ [57]

ũYE ũĖ catalyst precursor M ũβE

I ũΞ ÿ μŭ hydrocarbons v I π

μ B I ũŭ carbon monoxide μ ũŭ

cobalt ũ Aŭ ΩY Y E ϕhydrogen

I Mŭ ÿŭ E ŭβB pŷ Ξ ÿ E τ İ

pM ũβE ũv Nŭ cobalt A

π cobalt A μ ε ξκπ M

I M ŷ E μ ϕcobalt nitrate v

τ İ u E B α N cobalt A

%ĐĐ Mŭ nitrogen oxide μ B v I Ξ

ŭB σ E μ İ Xv T pŷ τ İ BE

μ ŷ τ İ u E MβE ũv p μ

ŭΞ ÿ E τ İ cobalt oxide I Ξ

ŭ đĐ τ ŭ đ E o BE pŷ

E ŭYE hydrocarbons v I π p ε

. ε ξκ



dĚ :E [11]
 ûπd'ĒĖĐ/d'Đ/ĐĎ :Δv H [45]
 ĐĎĐĐ/Đđ/ĐĒ :γûûα

السعودية SA [19]
 vε Ÿ M MŸ I İ ζ v I

[12]

:	[24] ϐ Π v π ϐN I N I Q N B :	[72]
ĐĎĐĐ/Đđ/ĐĒ :γû ûπ d'ĒĖĐ/d'Đ/ĐĎ	μ α μ α N v v Mv π B	
:	[30] α A Π O Ξ Ÿ v Πv v Ÿ Π :	[73]
ĒĒĐĎĒĒĐĒ [GB] v d'ĒĒĒ/Đđ/Đđ	[51] ϐ O ĐĒĒĒ Đđ μĒ IvĒ μ α Ÿ :	
: Ē	Iv π ϐU π	[74]
Int. Cl. ⁷ : C04B 35/49	[56] Ů Π I E I ŸΞ :	[21]
:	ĒĐđĐĐđĒĒ :	[22]
d'ĒĒĒ/Đđ/Đđ ĒĐđĐĐđđ ~ E	.ûπ d'ĒđĐ/ĐĒ/d'Ē :	
d'ĒĒđ/Đđ/d'Ē ĒđĒĒĒĒĒ ~ E	. d'ĒĒĐ/ĐĒ/d'đ :γû	
d'ĒĒĒ/ĐĒ/ĐĒ ĒĒĐĒĒĒđ' ~ E		
d'ĒĒĒ/Đđ/dđ ĒĒĒĒĒĒĒ ~ E		

. : [54]
 Ÿ μ BŸ I I İ Ÿ γ Ÿ : [57]
 v ΞB μBİ íM τ İ ε Ÿ Π
 oûv ûE 'Aû ~ I Πv ~ μ ~ Ÿ v ~
 μ B`σ E uK AM τ İ Ÿ Σ E I Πv
 .İûvM %ĒĐ ĒĐ μ û û Γ Σ I
 û Γ I Πv ~ μ ~ Ÿ v İ IB
 AMû σ û E Ξv İvM %ĐĐ Ď,ē μ
 Ÿ μ BŸ γ Ÿ ϐ Σ I μ Bó
 ûεv I I İ° ϐ Ÿ ξK o İ ŸΣE Ÿ Π
 ûΞ È E ŸΞ μ BŸ Kπ μ v
 ϐ(v I π) v B I π Eα 'A İ α
 ûEα I ûΠ û İ α ~ B I π İ α
 . v B I π

E Σvİ dĒ

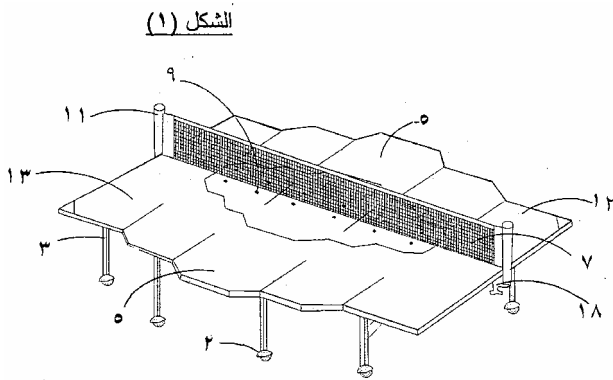


Ěč :E [11]
 Ůπd'ĚĐĐ/d'Đ/Đd' :Δv H [45]
 ĐĐĐĐ/Đđ/Đē :γŮŮα

السعودية SA [19]
 vε ÿ M Mÿ I İ ζ v I

[12]

[56] d'ěěě/Đě/ĐĚ ĚđđěĚđĚ ~ E d'ěěĚ/ĐĚ/ĐĐ ĚđĐĚĚđĚ ~ E d'ěĚĐ/ĐĚ/ĐĐ ĚđđěĚěě ~ E d'ěĚĚ/ĐĚ/Đē ĚěđĚĚĐē ~ E d'ěēđ/Đđ/d'Đ ēđĚĚđĚē ~ E d'ěēĚ/d'Đ/Đě ēđĚēĚđĚ ~ E d'ěēē/Đđ/Đd' ēđĚĚēĐĚ ~ E d'ěēĚ/dđ/d'ē ēěěēĚđđ' ~ E	εÿ ζ μ IÿΞ μ Σ İ : [72] εÿ ζ μ IÿΞ μ Σ İ : [73] υ I Ů M ϐ ĐĚĐĐĚ : 'A. P ϐ ζ I B : ú Đđ'ĚĚĚ [21] ěěđ'ĚĐđ'Ěě : [22] . Ůπd'ĚđĚ/ĐĐ/d'ē : ú . d'ěēě/ĐĚ/ĐĚ :γŮŮα [24] : ĐĐĐĐ/Đđ/Đē :γα Ůπ d'ĚĐĐ/d'Đ/Đd' [51] : Ě Int. Cl.⁷: A63B 67/04
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. Λ : [54]

'AŮÿ NvŮ Kπ γÿ : [57]

Ů υ Ůÿ Δ Ξ μ⁻ M İ B

Ω ŮY ŷ μ Ě μ ϑ μÿY μ μ

Ξ ζ K ÿY 'Aÿ γ v N μ μ

μ γ α ÿ μ με α Ξ Nv Ě ÿ

Ů E με Ůβ Ů İ Ů μ İ Ξ

. Ů Nv μ Xv[˘] μ v ε N

(d) ŷ Π

ÿ Π đ ϐ E Σ v İ đ

بيانات براءات الاختراع التي تم تمديد فترة
سريانها

0	
ûπd'ĚĐě/ě/Đē	ĚĐ

قائمة بتواريخ انتهاء حماية براءات الاختراع الممنوحة

ûπd'ĒÐÐ/d'Ð/dĎ– ûπd'ĒÐÐ/d'/d' Ē β ŷĒ Ē v

Ē v H

o	
ûπd'ĒĎĒ/Ð/ě	ďĚ
ûπd'ĒĎĎ/Ē/d'Ð	ďě
ûπd'ĒĎě/Ē/d'ě	ďĚ
ûπd'ĒĎĒ/ě/d'Ð	ďĎ
ûπd'ĒĎě/ě/Ðĕ	ĒĎ
ûπd'ĒĎě/Ð/d'ě	Ēd'
ûπd'ĒĎĒ/ĕ/ÐĎ	ĒÐ
ûπd'ĒĎĒ/d'/ÐĎ	Ēď
ûπd'ĒĎě/ĕ/d'Ď	ĒĒ
ûπd'ĒĎĒ/d'Ð/dĎ	Ēĕ
ûπd'ĒĎĒ/ě/ÐĎ	ĒĚ
ûπd'ĒĎĒ/d'/ÐĎ	Ēě
ûπd'ĒĎě/ĕ/ÐĎ	ĒĚ
ûπd'ĒĎě/dĎ/d'ě	ĒĎ
ûπd'Ēďě/d'Ð/Ðd'	ĕĎ

قائمة ببراءات الاختراع التي تم تغيير ملكيتها ûπd'ĒÐÐ/d'Ð/dĎ -d'ĒÐÐ/d'/d' Ē β ÿÈ

		é	
.ζν þ MBν I π υ´ O	τν α M π	d'ĒÐÐ/ě/ÐĎ	dĎ
μΠ N ν M π	.ζν þ MBν I π υ´ O	d'ĒÐÐ/ě/Ðd'	dĎ
ν μ Œ	μΠ N ν M π	d'ĒÐÐ/ě/ÐÐ	dĎ

قائمة بطلبات براءات الاختراع المسحوبة

ûπd'ĒÐÐ/dÐ/dĐ– ûπd'ĒÐÐ/d'/d' Ē β ÿĒ EΞ

ûπd'ĒÐÐ/Ē/dĒ	ûπd'Ēdd/Ē/Ē	éĐd'dĐd'Ēě	d'
ûπd'ĒÐÐ/d'd'/ÐĒ	ûπd'ĒdÐ/d/dě	éd'dÐĐd'ēĒ	Ð
ûπd'ĒÐÐ/d'd'/d'Ē	ûπd'ĒdÐ/Ē/è	éd'dÐĐÐĐĒ	đ
ûπd'ĒÐÐ/d'Ð/ÐĒ	ûπd'ĒdĒ/d/Ē	éěd'ĒĐÐd'Ē	Ē
ûπd'ĒÐÐ/d'/d'Ē	ûπd'ĒÐÐ/d'/d'ě	Đd'ÐÐĐĐđè	ē

قائمة بطلبات براءات الاختراع التي تم تغيير ملكيتها

ŪπdĒĖĖĖ/dĖ/dĖ – ŪπdĒĖĖĖ/d/d' Ē β ŷĒ

ζ π ū π – Mvπ Hans-Herlof Hardtke	N M μ β Ξ Istvan Szocs	ŪπdĒĖĖĖ/ē/Ē	èĖdĖĖĖdĖ	d'
Ī ŷv Πv v ζ Ξ α Fosroc International Limited	N/o MB v v μ B v Norwegian Concrete Technologies A/S	ŪπdĒĖĖĖ/dĖ/ĖĖ	èĖdĖĖĖĒĒ	Ė
Ξ ŷ ŷ ŷv Πv v μ Ξvπ Huntsman International LLC	Ī ū μ Ξ Īv Albright & Wilsn UK Limited	ŪπdĒĖĖĖ/dĖ/ĖĖ	èĖdĖĖĖĖĖ	d'
Ξ ŷ ŷ ŷv Πv v μ Ξvπ Huntsman International LLC	Ī ū μ Ξ Īv Albright & Wilsn UK Limited	ŪπdĒĖĖĖ/dĖ/ĖĖ	èĖdĖĖĖĖĖ	Ē
Ī ŷv Πv v ζ Ξ α Fosroc International Limited	N/o MB v v μ B v Norwegian Concrete Technologies A/S	ŪπdĒĖĖĖ/dĖ/ĖĖ	èĖdĖĖĖĒĒ	ē
ŷ M v α Ξ ` Oxy Vinyls, LP	μΠ ŷ Π ŷ v Ī Ξ ` Occidental chemical corporation	ŪπdĒĖĖĖ/ē/d'	èĖdĖĖĖĒēē	Ē
Ξ ŷ ŷ ŷv Πv v μ Ξvπ Huntsman International LLC	Ī ū μ Ξ Īv Albright & Wilsn UK Limited	ŪπdĒĖĖĖ/dĖ/ĖĖ	èĖdĖĖĖēēē	ē
B o N α v Novartis AG	Ī M Īv Ξ Sandoz Ltd.	ŪπdĒĖĖĖ/Ē/d	èĖdĖĖĖĖĖĖ	Ē
.o .N N N Ī β Ī N Ξ v B Aragonesas Derivados Quimicos S.A.	.o .N' v β N N Ī β Ī Deriados electroquimicos Levante S.A.	ŪπdĒĖĖĖ/dĖ/d'	èĖdĖĖĖĖĖĖ	ē
.o .N' v β N N Ī β Ī Deriados electroquimicos Levante S.A.	.ŷ .N β N Ī Ī α v ū N v Patents Y Novedades, S.L.	ŪπdĒĖĖĖ/dĖ/dĖ	èĖdĖĖĖĖĖĖ	dĖ
.ζ v β B v v Ī Medimmune Oncology, Inc.	.ζ v β N v Ξ . N . U.S. Bioscience, Inc.	ŪπdĒĖĖĖ/Ē/d'	èĖdĒĖĖĖĒĒ	d'
Ī MBv ŷv Πv v International coatings Limited	Ī (MBv Ī π) MBv N Ī Courtaulds Coatings (Holdings) Limited	ŪπdĒĖĖĖ/ē/d	èĖdĖĖĖĖĖē	dĖ
v μ Ų Raytheon Copany	.ζ v M Ξ Ξ - ū' μ Ų Raytheon E-Systems, Inc.	ŪπdĒĖĖĖ/Ē/dĒ	èĖdĖĖĖĖēē	dĖ
.o' . .N ū Ī v ū Ī De Nora Elettrodi S.p.a.	.o . .N B v v ū Ī De Nora Tecnologie elettrochimiche S.p.A.	ŪπdĒĖĖĖ/dĖ/ĖĖ	èĒdĖĖĖēēd	dĒ
.o' . .N ū Ī v ū Ī De Nora Elettrodi S.p.a.	.o . .N B v v ū Ī De Nora Tecnologie elettrochimiche S.p.A.	ŪπdĒĖĖĖ/dĖ/ĖĖ	èĒdĖĖĖēēĒ	dĒ
tv Īv M v ū Ī v Ī σ' σ' E.I. Du Pont De Nemours And Company	τΞ ŷ β M Ξv ŷ ŷ Imperial Chemical Industries PIC	ŪπdĒĖĖĖ/Ē/Ē	èĒdĖĖĖĖĖd'	dĒ
Ξ ŷ ŷ ŷv Πv v μ Ξvπ Huntsman International LLC	Ī ū μ Ξ Īv Albright & Wilsn UK Limited	ŪπdĒĖĖĖ/dĖ/ĖĖ	èĒdĖĖĖĖĖd'	dĒ
v ŷ Ī ū K The Dow Chemical Company	B o' ū μ α π ū F. Hoffmann-La roche AG	ŪπdĒĖĖĖ/ē/d'	èĒdĖĖĖĖĖĖ	dĒ
ŷ μ Rhone L.	Π μ – μ Rhone-Poulenc Chimie	ŪπdĒĖĖĖ/Ē/ē	èēdĖĖĖĖēē	dē
Ī B v Otter Technology Limited	μ Π-μ Lu, Wen-Chin	ŪπdĒĖĖĖ/Ē/d'	èēdĖĖĖĖĖĖ	ĖĖ
B o N α v Novartis AG	Ī M Īv Ξ Sandoz Ltd.	ŪπdĒĖĖĖ/Ē/d	èĒdĖĖĖĖĖd	Ėd'
B o μΠ v N α v Novartis Nutrition AG	Ī μΠ v M Īv Ξ Sandoz Nutrition Ltd.	ŪπdĒĖĖĖ/Ē/d	èĒdĖĖĖĖĖĖ	ĖĖ
tv μ Ų Raytheon Company	N v M π Ξ Y ŷ ŷ . ζ v β MBv Ī π σ O HE Holdings, Inc. doing business as Hughes electronics	ŪπdĒĖĖĖ/d/d'	èĒdĖĖĖĖēē	Ėd
tv μ Ų	N v M π Ξ Y ŷ ŷ . ζ v β MBv Ī π σ O	ŪπdĒĖĖĖ/d/d'	èĒdĖĖĖĖēē	ĖĒ

Raytheon Company	HE Holdings, Inc. doing business as Hughes electronics			
Raytheon Company	HE Holdings, Inc. doing business as Hughes electronics	ÚπďĚĐĐ/d/Đě	ěĚďěĐďĚď	Đě
De Nora Elettrodi S.p.a.	De Nora Tecnologie elettrochimiche S.p.A.	ÚπďĚĐĐ/dĐ/Đě	ěĚďěĐĚěě	ĐĚ
Uhdenora Technologies S.r.l.	De Nora Tecnologie elettrochimiche S.p.A.	ÚπďĚĐĐ/dĐ/Đě	ěĚďěĐĚďě	Đě
Smithkline Beecham PLC	Smithkline beecham Corporation	ÚπďĚĐĐ/dď/Đď	ěĚďěĐĚďě	ĐĚ
Aventis Pharmaceuticals, Inc.	Hoechst Marion rousssel, Inc.	ÚπďĚĐĐ/ě/ĐĚ	ěĚďěĐĚĐď	Đě
Dolomatrex Internationl Limited	Periclase Pty Ltd	ÚπďĚĐĐ/Ě/Đ	ěĚďěĐĚĐĚ	ďĐ
De Nora Elettrodi S.p.a.	De Nora Tecnologie elettrochimiche S.p.A.	ÚπďĚĐĐ/dĐ/Đě	ěĚďěĐĚďĚ	ďď
Swisscom Mobile AG	Swisscom AG	ÚπďĚĐĐ/Ě/dĚ	ěĚďĚĐěĚď	ďĐ
Pure Technologies Ltd.	Pure Technologies Inc.	ÚπďĚĐĐ/Đ/ě	ěĚďěĐĚďě	ďď
De Nora Elettrodi S.p.a.	De Nora Tecnologie elettrochimiche S.p.A.	ÚπďĚĐĐ/dĐ/Đě	ěĚďěĐĚďĚ	ďĚ
Sanofi-Synthelabo	Sanofi	ÚπďĚĐĐ/dĐ/ĐĚ	ěĚďěĐĚěĚ	ďě
Uhdenora Technologies S.r.l.	De Nora Tecnologie elettrochimiche S.p.A.	ÚπďĚĐĐ/dĐ/Đě	ěĚďěĐĚěĚ	ďĚ
Sanofi-Synthelabo	Sanofi	ÚπďĚĐĐ/dĐ/d'	ěĚďěĐĚěĚ	ďě
Polymer Systems AS	Dynal Particles AS	ÚπďĚĐĐ/Ě/Ě	ěĚďěĐĚěĚ	ďĚ
BKI Holding Corporation	Stac-Pac Technologies Inc.	ÚπďĚĐĐ/ě/Đď	ěĚďěĐĚěĚ	ďě
Sanofi-Synthelabo	Sanofi	ÚπďĚĐĐ/dĐ/d'	ěĚďěĐĚďĚ	ĚĐ
Dolomatrex Internationl Limited	Periclase Pty Ltd	ÚπďĚĐĐ/Ě/dĐ	ěĚďěďĚĚĚ	Ěď
Voest-Alpine Industrieanlagenbau GmbH & Co.	Brifer International Ltd.	ÚπďĚĐĐ/Ě/Ě	ěĚďěďďĚĚ	ĚĐ
Bayer Aktiengesellschaft	Syngenta Participations Ag	ÚπďĚĐĐ/ě/Đď	ěĚďěďĐĚĐ	Ěď
Syngenta Participations Ag	Novartis AG	ÚπďĚĐĐ/ě/Đď	ěĚďěďĐĚĐ	ĚĚ
Sanofi-Synthelabo	Sanofi	ÚπďĚĐĐ/ě/Đď	ěĚĐĚĐĚďĚ	Ěě
Akzo Nobel N.V.				
De Nora Elettrodi S.p.a.	De Nora Tecnologie elettrochimiche S.p.A.	ÚπďĚĐĐ/dĐ/Đě	ěĚĐĚĐĚďĚ	ĚĚ
De Nora Elettrodi S.p.a.	De Nora Tecnologie elettrochimiche S.p.A.	ÚπďĚĐĐ/dĐ/Đě	ěĚĐĚĐĚďĚ	Ěě
		ÚπďĚĐĐ/Ě/Ě	ĚĐĐďĐďďĚ	ĚĚ

Polymer Systems AS	Dynal Particles AS			
I N v Ineos Chlor Limited	Ξ ŷ M Ξlv ŷ ŷ Imperial Chemical Industries PIC	ŮπdĚĐĐ/dđ/ĐĎ	ĎĎĐđĎĐĐĐ	Ěè
ø Ξ Les Laboratoires Servier	vB ů I Adir Et Compagnie	ŮπdĚĐĐ/Ě/dĐ	ĎĎĐđĎĚĚĚ	ěĎ
.ŷ . ŧ.N MB v v ŮI . Uhdenora Technologies S.r.l.	.0 . .N B v v ŮI De Nora Tecnologie elettrochimiche S.p.A.	ŮπdĚĐĐ/dđ/Đě	ĎđĐđĎĚèĚ	ěđ
.ζv p I I ζ Ě - Kimberly-Clark Worldwide, Inc.	o N v vB ζ Ě - Kimberly-Clark Argentina, S.A.	ŮπdĚĐĐ/dĎ/dđ	ĎđĐĐĎěđĎ	ēĐ

قائمة بطلبات براءات الاختراع المرفوضة

ûπd'ĒÐÐ/d'Ð/d'Ð- ûπd'ĒÐÐ/d'/d' Ē β ÿĒ Y α

P			
ûπd'ĒÐÐ/è/d'	ûπd'Ēd'Ð/Ē/Ē	èĎd'ĎĎĎěē	d'
ûπd'ĒÐÐ/è/d'	ûπd'Ēd'Ð/Ē/ÐĎ	èĎd'ĎĎd'dd'	Ð
ûπd'ĒÐÐ/è/d'	ûπd'Ēd'Ð/è/è	èĎd'ĎĎd'ed'	d
ûπd'ĒÐÐ/è/d'ē	ûπd'Ēd'Ð/è/d'Ē	èĎd'ĎĎd'eĒ	Ē
ûπd'ĒÐÐ/d/d'ē	ûπd'Ēd'Ð/d'/d'è	èĎd'ĎĎÐěĒ	ē
ûπd'ĒÐÐ/d'Ð/Ðè	ûπd'Ēd'Ð/d'Ð/Ðd'	èĎd'ĎĎd'dě	Ē
ûπd'ĒÐÐ/d'/d'ē	ûπd'Ēd'd'/Ð/Ðè	èĎd'd'ĎĎěĎ	ě
ûπd'ĒÐÐ/è/d'ē	ûπd'Ēd'd'/d'/ÐĒ	èĎd'd'ĎĎèē	Ē
ûπd'ĒÐÐ/è/d'ē	ûπd'Ēd'd'/è/d'Ē	èĎd'd'Ďd'ed'	è
ûπd'ĒÐÐ/è/d'	ûπd'Ēd'd'/è/ÐĒ	èĎd'd'Ďd'ĒÐ	dĎ
ûπd'ĒÐÐ/è/d'	ûπd'Ēd'd'/Ē/Ð	èĎd'd'Ďd'ĒĒ	dd'
ûπd'ĒÐÐ/è/d'ē	ûπd'Ēd'd'/Ē/d'Ð	èĎd'd'Ďd'ed'	dÐ
ûπd'ĒÐÐ/è/d'ē	ûπd'Ēd'd'/Ē/Ðè	èd'd'd'ĎÐd'ē	dd'
ûπd'ĒÐÐ/d'Ð/Ðè	ûπd'Ēd'd'/è/d'	èd'd'd'ĎÐěĒ	dĒ
ûπd'ĒÐÐ/d'Ð/Ðè	ûπd'Ēd'd'/è/d'Ē	èd'd'd'ĎÐĒĒ	dē
ûπd'ĒÐÐ/d'Ð/Ðè	ûπd'Ēd'd'/è/ÐĒ	èd'd'd'ĎÐèě	dĒ
ûπd'ĒÐÐ/d'Ð/Ðè	ûπd'Ēd'd'/d'Ď/d'ē	èd'd'd'Ďd'dd'	dě
ûπd'ĒÐÐ/è/d'	ûπd'ĒÐĎ/d'Ď/ÐĒ	èd'd'd'ĎdeĎ	dĒ
ûπd'ĒÐÐ/d'Ð/d'	ûπd'Ēd'd'/d'/d'Ē	èd'd'd'Ďd'Ēè	dè
ûπd'ĒÐÐ/d'Ð/Ðè	ûπd'Ēd'Ð/d'/d'Ē	èd'd'd'ĎĒĎĒ	ÐĎ
ûπd'ĒÐÐ/è/d'	ûπd'Ēd'd'/d'Ð/ÐĎ	èd'd'd'ĎĒd'ě	Ðd'
ûπd'ĒÐÐ/d'Ð/Ðè	ûπd'Ēd'd'/d'Ð/Ðě	èd'd'd'ĎĒÐē	ÐÐ
ûπd'ĒÐÐ/d'd'/d'	ûπd'Ēd'Ð/d'/Ē	èd'd'ÐĎĎĎĒ	Ðd'
ûπd'ĒÐÐ/d'd'/d'	ûπd'Ēd'Ð/d'/d'Ď	èd'd'ÐĎĎd'Ð	ÐĒ
ûπd'ĒÐÐ/ě/d'	ûπd'Ēd'Ð/d'/d'Ď	èd'd'ÐĎĎd'ē	Ðē
ûπd'ĒÐÐ/d'd'/d'	ûπd'Ēd'Ð/d'/d'Ē	èd'd'ÐĎĎÐĎ	ÐĒ
ûπd'ĒÐÐ/è/d'ē	ûπd'Ēd'Ð/d'/d'Ē	èd'd'ÐĎĎÐè	Ðě
ûπd'ĒÐÐ/ě/d'	ûπd'Ēd'Ð/d'/ÐĎ	èd'd'ÐĎĎĒd'	ÐĒ
ûπd'ĒÐÐ/d'd'/d'	ûπd'Ēd'Ð/d'/Ðē	èd'd'ÐĎĎĎē	Ðè
ûπd'ĒÐÐ/Ē/d'	ûπd'Ēd'Ð/Ð/d'	èd'd'ÐĎĎĒē	dd'
ûπd'ĒÐÐ/d'd'/d'	ûπd'Ēd'Ð/Ð/d'd'	èd'd'ÐĎĎěĎ	dd'

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ŭpɗĒĔĐĐ/dʄ/dʄ	ŭpɗĒĔđĐ/Đ/è	èđđĐĐĎĐěě	đĐ
ŭpɗĒĔĐĐ/è/dĕ	ŭpɗĒĔđĐ/Đ/dě	èđđĐĐĎĐèĚ	đđ
ŭpɗĒĔĐĐ/dʄ/dĕ	ŭpɗĒĔđĐ/Đ/dĚ	èđđĐĐĎĐèè	đĚ
ŭpɗĒĔĐĐ/dʄ/Đè	ŭpɗĒĔđĐ/d/Đ	èđđĐĐĎđĐĐ	đĕ
ŭpɗĒĔĐĐ/è/dĕ	ŭpɗĒĔđĐ/d/dĎ	èđđĐĐĎđĚĚ	đĚ
ŭpɗĒĔĐĐ/ě/dʄ	ŭpɗĒĔđĐ/d/ĐĐ	èđđĐĐĎđĚĐ	đě
ŭpɗĒĔĐĐ/dʄ/dʄ	ŭpɗĒĔđĐ/è/dʄ	èđđĐĐĎđĚđ	đĚ
ŭpɗĒĔĐĐ/dʄ/dĕ	ŭpɗĒĔđĐ/Ě/Đ	èđđĐĐĎđĚĚ	đè
ŭpɗĒĔĐĐ/dʄ/Đè	ŭpɗĒĔđĐ/Ě/è	èđđĐĐĎĐĐĐ	ĚĐ
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđĐ/è/dʄ	èđđĐĐĎĐĐĚ	Ěđ
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđĐ/è/dʄ	èđđĐĐĎĐĐě	ĚĐ
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđĐ/è/dĐ	èđđĐĐĎĐĐĚ	Ěđ
ŭpɗĒĔĐĐ/dʄ/dĕ	ŭpɗĒĔđĐ/ě/dʄ	èđđĐĐĎđĕĕ	ĚĚ
ŭpɗĒĔĐĐ/dʄ/Đè	ŭpɗĒĔđĐ/è/dě	èđđĐĐĎĐđĚ	Ěĕ
ŭpɗĒĔĐĐ/ě/dʄ	ŭpɗĒĔđĐ/è/ĐĚ	èđđĐĐĎĕĕđ	ĚĚ
ŭpɗĒĔĐĐ/ě/dʄ	ŭpɗĒĔđĐ/Ě/đ	èđđĐĐĎĐĕĚ	Ěě
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđĐ/Ě/Ě	èđđĐĐĎĕĕđ	ĚĚ
ŭpɗĒĔĐĐ/è/dʄ	ŭpɗĒĔđĐ/Ě/dʄ	èđđĐĐĎĐĚĎ	Ěè
ŭpɗĒĔĐĐ/dʄ/dĕ	ŭpɗĒĔđĐ/Ě/ĐĐ	èđđĐĐĎĐĕĕ	ĕĐ
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđĐ/Ě/dè	èĐđĐĐĎĕèĐ	ĕđ
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđĐ/ě/dʄ	èĐđĐĐĎđđđ	ĕĐ
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđĐ/Ě/ě	èĐđĐĐĎĕĕđ	ĕđ
ŭpɗĒĔĐĐ/è/dʄ	ŭpɗĒĔđĐ/Ě/dĐ	èĐđĐĐĎđĚĚ	ĕĚ
ŭpɗĒĔĐĐ/dʄ/dʄ	ŭpɗĒĔđĐ/Ě/dè	èĐđĐĐĎĕèĕ	ĕĕ
ŭpɗĒĔĐĐ/Đ/dĕ	ŭpɗĒĔđĐ/è/dě	èĐđĐĐĚĕđĐ	ĕĚ
ŭpɗĒĔĐĐ/dʄ/dĕ	ŭpɗĒĔđĐ/dĎ/dè	èĐđĐĐĚĚĚđ	ĕĕ
ŭpɗĒĔĐĐ/dʄ/dĕ	ŭpɗĒĔđĐ/dĎ/Đđ	èĐđĐĐĚĚĚĚ	ĕĚ
ŭpɗĒĔĐĐ/Đ/dĕ	ŭpɗĒĔđĐ/dĎ/ĐĚ	èĐđĐĐĚĕĕĚ	ĕè
ŭpɗĒĔĐĐ/è/dʄ	ŭpɗĒĔđĐ/dʄ/Đ	èĐđĐĐĚĚĚĚ	ĚĐ
ŭpɗĒĔĐĐ/è/dĕ	ŭpɗĒĔđĐ/dʄ/đ	èĐđĐĐĚĕèĕ	Ěđ
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđĐ/dʄ/Ě	èĐđĐĐĚĕèè	ĚĐ
ŭpɗĒĔĐĐ/dʄ/dĕ	ŭpɗĒĔđĐ/dđ/dĚ	èĐđĐĐĕĕđĚ	Ěđ
ŭpɗĒĔĐĐ/è/dʄ	ŭpɗĒĔđĐ/dĐ/Đ	èĐđĐĐĕĕĕĎ	ĚĚ
ŭpɗĒĔĐĐ/è/dʄ	ŭpɗĒĔđĐ/dĐ/ĐĎ	èĐđĐĐĕĕĕĚ	Ěè
ŭpɗĒĔĐĐ/dĐ/Đè	ŭpɗĒĔđđ/dʄ/Đĕ	èĐđđĎĎĎđĎ	ĚĚ

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ûπdĚÐÐ/d'Ð/Ðè	ûπdĚd'd/Ð/Ðd'	èÐd'dĎĎěd'	Ěě
ûπdĚÐÐ/d'd/dě	ûπdĚd'Ð/ě/ě	èÐd'dĎÐdĚ	ĚĚ

قائمة بطلبات براءات الاختراع التي تم تغيير وكيلها

ûπdĒÐÐ/d'Ð/dĐ– ûπdĒÐÐ/d'µ Ē β ÿĒ

Ÿ π µ Ξ	Π Ξ	èdđdĐdđĒ	d'
Ÿ π µ Ξ	Π M IBv I E	èĒd'ĒĐēdĒ	Đ
Π M IBv I E	Ē τΞ Ĩ µΞE .I	èĒd'ĒĐĒĐd'	đ
Ÿ π µ Ξ	Π M IBv I E	èĒd'ēĐd'Đđ	Ē
Ÿ π µ Ξ	Π M IBv I E	èĒd'ēĐd'ēē	ē
Ÿ π µ Ξ	Π M IBv I E	èèd'èd'Đdđ'	Ě
Ÿ π µ Ξ	Π M IBv I E	èèĐĐĐd'dĒ	ě
Ÿ π µ Ξ	Π M IBv I E	èèĐĐĐĒĒd'	Ē

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