

(19) (KR)
(12) (A)

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(30) 60/297,275 2001 06 11 (US)

(71) -
07950 201

(72) ' ,
07950 201

' ,
07950 201

(74)

:

(54)

, (, ,)
,

.

, ,

.

(breath mint), (mouthwash),
가 , 가 (active)
(LISTERINE)
(,)
(,) 4 가
가 가
가
가
(shell) (core)
25
가 , 가
() 30 , 15 60

가 (sugar candy)

[Remington's Pharmaceutical Sciences. 16th ed., Mack Publishing Company, Pa.(1980), page 1245 and pages1576-1582]

2,800,458 ; 3,159,585 ; 3,533,958 ; 3,697,437 ; 3,888,689 ; 3,996,156 ; 3,965,033 ; 4,010,038 ; 4,016,098

30 um

2 mm,

70 um

110 um

2 mm

9 mm,

3 mm

7 mm

가

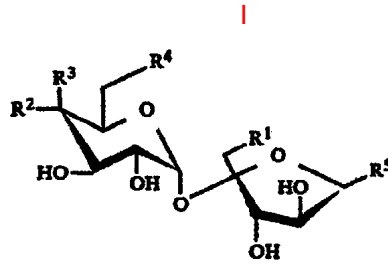
(cedar)

(CH₃)₂CHC₆H₃(CH₃)OH(-m-) 가
(C₆H₄OHC₂H₄COOCH₃)
가 (C₁₀H₁₈O;)
(CH₃C₆H₉(C₃H₇)OH;) 가

10% 30%, 1% 50% w/w, 5.0% 45%,
15% 25%

0.001% 5% w/w, 가 0.01%
0.001% 5% w/w, 가 0.
0.1% 25% w/w, 가
0.01% 3% w/w
0.001% 5% w/w, 가
0.01% 3% w/w

(I) 가

[illegible]

(I)	(,	4-	가
)	:		'
1.	1'-	-1'-		
2.	4-	-4-	-D-	[,
4-	-4-]]
3.	4-	-4-	-D-	-1- -1- -D-
	[, 4,1'-	-4,1-4,1'-]]
4.	1',6'-	-1',6'-		
5.	(Sucralose)((McNeil Specialty Products	
Company))	4-	-4-	-D-	-1,6- -1,6- -D-
	[, 4,1',6'-	-4,1',6'-'].
6.	4,6-	-4,6-	-D-	-6- -6- -D- [, 4,6,
6'-	-4,6,6'-]]
7.	6,1',6-	-6,1',6'-		
8.	4,6-	-4,6-	-D-	-1,6- -1,6-
	-D-		[, 4,6,1',6'-	-4,6,1',6'-
]]
9.	4,6,1',6'-	-4,6,1',6'-		.
	,		가	.

[illegible]

[illegible]

가
- -

(mayweed)(- (akkal - kad
ha)), (prickly ash),

가 (Car
bopol)(), (Plasdone)(), CMC, HEC, (Klucel)(),
(Gantrez)(),
4,900,522 ; 5,284,659 ; 5
,458,879 ; 5,989,535 ; 6,177,096 ; 6,200,604 ; 6,207,180 ; 6,210,705 ; 6,213,126

0.1% 15%, 1% 10%, 1% 7%
가

_____ :

가

가

/

[1]

	실시예 1	실시예 2	실시예 3	실시예 4
성분	%w/w	%w/w	%w/w	%w/w
젤라틴	12.570	12.320	15.070	5.250
솔비톨	2.060	2.050	-----	-----
아세솔팜 포타슘	0.1690	0.1920	-----	-----
수크라로오스	0.3960	0.4490	0.641	0.700
글리세린	-----	-----	2.04	2.04
물	0.485	0.550	0.600	0.575
향미	1-10	1-10	1-10	1-10
티몰	0.833	0.821	1.250	1.642
메틸 살리실레이트	0.712	0.700	1.068	1.400
유크칼립톨	0.781	0.770	1.172	1.540
멘톨	12.439	12.261	16.159	21.522
네오메 M-5	QS 내지 100%	QS 내지 100%	QS 내지 100%	QS 내지 100%

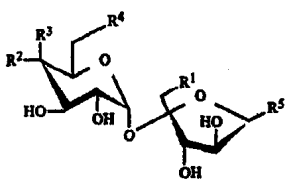
) 2 가 3 . , () . () , 가

(57)

1.

a.) , , ;

b.) (I)

 $\langle \quad | \rangle$ 
$$\begin{aligned} & \quad , R^1 \quad ; R^2 \quad R^3 \quad , \\ & \quad , \quad 4- \quad 가 D- \quad ; R^4 \quad , \quad , R \\ & R^1, R^2, R^3 \quad R^5 \quad 2 \quad ; \quad , R^1, R^2, R^3 \quad R^5 \quad . \end{aligned}$$

2.

1 , , , , 가

3.

1 2 , .

4.

1 2 , 2 mm 9 mm , 가 30 um
2 mm .

5.

1 2 , 가 .

6.

1 2 , 60 .

7.

1 2 , 가 .

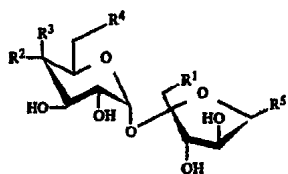
8.

a.) , ;

b.) ;

c.) , 15%

, 가 , 가



, R¹ ; R² R³ ,
 , 4- 가 D- ; R⁴ ,
 R¹, R², R³ R⁵ 2 ; R⁵ , R
5 ; , R¹, R², R³ R⁵ .

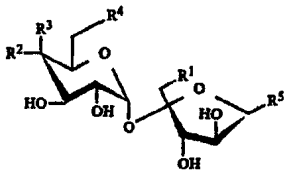
9.

a.) , ;

b.) (I) ;

c.)
 , 가 1:1 9:1 .

< I>


$$R^1, R^2, R^3, R^4, R^5 \text{ are defined as follows: } R^1 = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}, R^2 = \begin{pmatrix} 1 & 0 \\ 0 & -1 \end{pmatrix}, R^3 = \begin{pmatrix} 1 & 0 \\ 0 & i \end{pmatrix}, R^4 = \begin{pmatrix} 1 & 0 \\ 0 & -i \end{pmatrix}, R^5 = \begin{pmatrix} 1 & 0 \\ 0 & -1 \end{pmatrix}$$