

Title (en)
CODISPENSING OF PHYSICALLY SEGREGATED DENTIFRICES AT CONSISTANT RATIOS

Title (de)
VORRICHTUNG ZUR GLEICHZEITIGER ABGABE VON GETRENNT GELAGERTEN KOMPONENTEN EINER ZAHNPASTE IN KONSTANTER VERHÄLTNISMENGE

Title (fr)
DISTRIBUTION SIMULTANEE DE CONSTITUANTS DE DENTIFRICE PHYSIQUEMENT SEPARES, SELON DES RAPPORTS CONSTANTS

Publication
EP 0918698 A1 19990602 (EN)

Application
EP 97932135 A 19970521

Priority
• US 9708622 W 19970521
• US 65973496 A 19960606

Abstract (en)
[origin: WO9746462A1] A method is disclosed for the coextrusion in controlled amounts of at least two dentifrice components stored and physically segregated in a multicompartmented collapsible dispenser provided with a partition which divides the interior volume of the container into separate compartments, the partition being moveable in response to a pressure differential developed thereacross upon the application of Compressive Force to the sidewalls, the individuals dentifrice components containing ingredients which interact when mixed, the dispenser sidewalls being formed of a resilient plastic material which is deflected upon the application thereto of a Deflective Force of about 1.0 or greater pounds, the dentifrice compnents being formulated to be equally extrudible at substantially equivalent compressive forces. When the dispenser sidewalls are compressed, there is extruded a single-banded unmixed multilayer stream of the components containing the reactive ingredients at ratios predetermined to provide optimum levels for interaction between the reacted ingredients when the extruded components are mixed in the oral cavity.

IPC 1-7
B65D 35/22; **A61K 7/16**

IPC 8 full level
B65D 35/22 (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP)
B65D 35/22 (2013.01); **B65D 81/325** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
WO 9746462 A1 19971211; AT E208327 T1 20011115; AU 3566997 A 19980105; AU 722898 B2 20000817; BR 9709290 A 19990810; CA 2254338 A1 19971211; CN 1071248 C 20010919; CN 1221384 A 19990630; CO 4700512 A1 19981229; DE 69708117 D1 20011213; DE 69708117 T2 20020704; DK 0918698 T3 20020225; EP 0918698 A1 19990602; EP 0918698 B1 20011107; ES 2167757 T3 20020516; HU 223420 B1 20040628; HU P0003316 A2 20010228; HU P0003316 A3 20021128; MY 123112 A 20060531; PL 187283 B1 20040630; PL 330312 A1 19990510; PT 918698 E 20020429; TR 199802521 T2 19990421; ZA 974980 B 19981207; ZA 974983 B 19981207

DOCDB simple family (application)
US 9708622 W 19970521; AT 97932135 T 19970521; AU 3566997 A 19970521; BR 9709290 A 19970521; CA 2254338 A 19970521; CN 97195267 A 19970521; CO 97031030 A 19970604; DE 69708117 T 19970521; DK 97932135 T 19970521; EP 97932135 A 19970521; ES 97932135 T 19970521; HU P0003316 A 19970521; MY PI9702431 A 19970603; PL 33031297 A 19970521; PT 97932135 T 19970521; TR 9802521 T 19970521; ZA 974980 A 19970605; ZA 974983 A 19970605