Title (en)

HOLLOW BODIES WITH A COMPARTMENT, CONTAINING A PORTION OF A WASHING, CLEANING OR RINSING AGENT

Title (de)

KOMPARTIMENT-HOHLKÖRPER ENTHALTEND WASCH-, REINIGUNGS- ODER SPÜLMITTELPORTION

Title (fr)

CORPS CREUX COMPARTIMENTES CONTENANT UNE DOSE D'UN PRODUIT DE LAVAGE, DE NETTOYAGE OU DE RINCAGE

Publication

EP 1305396 B1 20051102 (DE)

Application

EP 01967120 A 20010704

Priority

- DE 10033827 A 20000714
- DE 10048448 A 20000929
- DE 10058647 A 20001125
- DE 10107878 A 20010220
- EP 0107633 W 20010704

Abstract (en)

[origin: WO0206431A2] The invention relates to a portion of a detergent which is contained in one or more dimensionally stable hollow bodies with at least one compartment. Said portion comprises the following: (a) at least one formulation with a detergent action; (b) at least one envelope entirely or partially encompassing at least one formulation according to (a), consisting of a non-pressed material which disintegrates in washing'cleaning or rinsing conditions and which gives the hollow body(ies) dimensional stability; and (c) optionally, one or more devices for forming compartments in the dimensionally stable hollow body(ies). The invention also relates to a method for producing a detergent portion of this kind, according to which the envelope is preferably produced by injection molding or solidifying; and to washing'cleaning and rinsing methods using an inventive detergent portion.

IPC 1-7

C11D 17/04; B65D 65/46; C11D 17/00

IPC 8 full level

A47L 15/44 (2006.01); **B08B 3/08** (2006.01); **B65D 65/46** (2006.01); **B65D 77/08** (2006.01); **C11D 3/60** (2006.01); **C11D 17/00** (2006.01); **C11D 17/04** (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)

C11D 17/042 (2013.01 - EP US); **C11D 17/043** (2013.01 - EP US); **C11D 17/045** (2013.01 - EP US)

Cited by

CN102000594A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0206431 A2 20020124; **WO 0206431 A3 20020530**; AT E308606 T1 20051115; AT E350462 T1 20070115; AU 8758001 A 20020130; DE 50107923 D1 20051208; DE 50111830 D1 20070215; EP 1305396 A2 20030502; EP 1305396 B1 20051102; EP 1586631 A2 20051019; EP 1586631 A3 20051026; EP 1586631 B1 20070103; ES 2252286 T3 20060516; ES 2279467 T3 20070816; JP 2004504443 A 20040212; US 2004029764 A1 20040212; US 2008312123 A1 20081218; US 7417019 B2 20080826; US 7601679 B2 20091013

DOCDB simple family (application)

EP 0107633 W 20010704; AT 01967120 T 20010704; AT 05014861 T 20010704; AU 8758001 A 20010704; DE 50107923 T 20010704; DE 50111830 T 20010704; EP 01967120 A 20010704; EP 05014861 A 20010704; ES 01967120 T 20010704; ES 05014861 T 20010704; JP 2002512325 A 20010704; US 18509808 A 20080803; US 33306703 A 20030716