

Title (en)

MOULDED WASHING AND CLEANING AGENTS WITH A SURFACTANT/BLEACHING AGENT/BUILDER COMBINATION

Title (de)

WASCH- UND REINIGUNGSMITTELFORMKÖRPER MIT TENSID- BLEICHMITTEL- BUILDERKOMBINATION

Title (fr)

PRODUITS DE LAVAGE ET DE NETTOYAGE MOULES CONTENANT UNE ASSOCIATION TENSIOACTIF/AGENT DE BLANCHIMENT/ADJUVANT DE LAVAGE

Publication

**EP 1159392 B2 20071212 (DE)**

Application

**EP 00912538 A 20000302**

Priority

- DE 19910819 A 19990311
- EP 0001812 W 20000302

Abstract (en)

[origin: WO0053717A1] Disclosed are moulded washing and cleaning agents made of condensed particulate washing and cleaning agents. The moulded parts are characterised by high hardnesses and short disintegration times, can be washed into the household washing machine via the detergent compartment and have far less of a tendency to tear open in layers or to adhere. The washing and cleaning agents contain fatty alcohol sulfate(s), percarbonate and phosphate builders.

IPC 8 full level

**C11D 17/00** (2006.01); **C11D 1/14** (2006.01); **C11D 3/06** (2006.01); **C11D 3/065** (2006.01); **C11D 3/39** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

**C11D 1/146** (2013.01); **C11D 3/06** (2013.01); **C11D 3/3942** (2013.01); **C11D 17/0073** (2013.01); **C11D 17/06** (2013.01)

Citation (opposition)

Opponent :

- GB 2334528 A 19990825 - PROCTER & GAMBLE [US]
- EP 0711828 A2 19960515 - UNILEVER PLC [GB], et al
- EP 1054946 B1 20040128 - UNILEVER PLC [GB], et al
- US 5002682 A 19910326 - BRAGG CHARLES D [GB], et al
- GB 2276345 A 19940928 - UNILEVER PLC [GB]
- EP 0975734 A1 20000202 - UNILEVER PLC [GB], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 0053717 A1 20000914**; AT E269395 T1 20040715; AU 3426600 A 20000928; CA 2300616 A1 20000911; DE 19910819 A1 20000914; DE 50006819 D1 20040722; EP 1159392 A1 20011205; EP 1159392 B1 20040616; EP 1159392 B2 20071212; ES 2223479 T3 20050301; ES 2223479 T5 20080516

DOCDB simple family (application)

**EP 0001812 W 20000302**; AT 00912538 T 20000302; AU 3426600 A 20000302; CA 2300616 A 20000310; DE 19910819 A 19990311; DE 50006819 T 20000302; EP 00912538 A 20000302; ES 00912538 T 20000302