

Title (en)  
DETERGENT COMPOSITION COMPRISING CLAY FLOCCULATING POLYMER WITH PARTICLE SIZE LESS THAN 250 MICRONS

Title (de)  
WASCHMITTEL ENTHALTEND EINEN TON ALS FLOCKUNGSPOLYMER MIT EINER TEILCHENGRÖSSE VON WENIGER ALS 250 MICROMETER

Title (fr)  
COMPOSITION DETERGENTE RENFERMANT UN POLYMERE FLOCULANT L'ARGILE AVEC TAILLE DES PARTICULES INFERIEURE A 250 MICRONS

Publication  
**EP 0865480 B1 20020731 (EN)**

Application  
**EP 96929867 A 19960903**

Priority

- EP 96929867 A 19960903
- EP 95306121 A 19950901
- US 9614106 W 19960903

Abstract (en)  
[origin: WO9709406A1] The invention relates to a granular detergent composition comprising (i) a softening clay and (ii) a clay flocculating polymer, and to a process for making the composition. The composition is particularly useful in "softening-through-the-wash" products. The clay flocculating polymer is sieved or ground such that at least 95 % by weight of the clay flocculating polymer has a particle size of less than 250 micrometers, and preferably less than 150 micrometers, before adding it to the granular detergent composition.

IPC 1-7  
**C11D 3/12**; **C11D 3/37**; **C11D 7/20**; **C11D 9/18**; **C11D 17/06**

IPC 8 full level  
**C11D 3/12** (2006.01); **C11D 3/37** (2006.01); **C11D 7/20** (2006.01); **C11D 9/18** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)  
**C11D 3/126** (2013.01); **C11D 3/3707** (2013.01)

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

DOCDB simple family (publication)  
**WO 9709406 A1 19970313**; AT E221570 T1 20020815; BR 9610465 A 19990302; CN 1105170 C 20030409; CN 1200142 A 19981125; DE 69622744 D1 20020905; DE 69622744 T2 20030403; DK 0865480 T3 20020902; EP 0865480 A1 19980923; EP 0865480 A4 19990526; EP 0865480 B1 20020731; ES 2176486 T3 20021201; JP 3894953 B2 20070322; JP H11515039 A 19991221; MX 9801690 A 19980830; PT 865480 E 20021129

DOCDB simple family (application)  
**US 9614106 W 19960903**; AT 96929867 T 19960903; BR 9610465 A 19960903; CN 96197708 A 19960903; DE 69622744 T 19960903; DK 96929867 T 19960903; EP 96929867 A 19960903; ES 96929867 T 19960903; JP 51132997 A 19960903; MX 9801690 A 19980302; PT 96929867 T 19960903