

Title (en)

DETERGENT COMPOSITIONS COMPRISING ZEOLITE MAP AND CLAY MINERAL

Title (de)

WASCHMITTELZUSAMMENSETZUNGEN ENTHALTEND MAP-ZEOLITH UND TONMINERAL

Title (fr)

COMPOSITION DETERGENTE CONTENANT DE LA ZEOLITHE MAP ET MINERAL D'ARGILE

Publication

EP 0808356 A4 19991201 (EN)

Application

EP 96903677 A 19960124

Priority

- GB 9502321 A 19950207
- US 9601031 W 19960124

Abstract (en)

[origin: GB2297977A] Detergent compositions are disclosed comprising a surfactant, a detergency builder comprising zeolite P having a silicon to aluminium ratio not greater than 1.33 (zeolite MAP) and a clay mineral optionally together with a clay flocculating agent. The compositions provide improved fabric colour pattern maintenance.

IPC 1-7

C11D 3/12; **C11D 3/14**; **C11D 7/02**; **C11D 7/20**

IPC 8 full level

C11D 3/12 (2006.01)

CPC (source: EP)

C11D 3/1253 (2013.01); **C11D 3/1273** (2013.01); **C11D 3/128** (2013.01)

Citation (search report)

- [X] WO 9400545 A1 19940106 - UNILEVER PLC [GB], et al
- [A] DE 4009618 A1 19911002 - HENKEL KGAA [DE]
- [DA] EP 0384070 A2 19900829 - UNILEVER PLC [GB], et al
- See references of WO 9624656A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

GB 2297977 A 19960821; **GB 9502321 D0 19950329**; EP 0808356 A1 19971126; EP 0808356 A4 19991201; WO 9624656 A1 19960815

DOCDB simple family (application)

GB 9502321 A 19950207; EP 96903677 A 19960124; US 9601031 W 19960124