

Title (en)

DETERGENT COMPOSITION BASED ON ZEOLITE-BICARBONATE BUILDER MIXTURE

Title (de)

WASCHMITTELZUSAMMENSETZUNG BASIEREND AUF EINER ZEOLITH-BICARBONATBUILDERMISCHUNG

Title (fr)

COMPOSITION DETERGENTE COMPRENANT UN MELANGE D'ADJUVANT BICARBONATE-ZEOLITE

Publication

EP 0863973 A4 19990210 (EN)

Application

EP 96933155 A 19960926

Priority

- GB 9519607 A 19950926
- US 9615452 W 19960926

Abstract (en)

[origin: WO9712025A1] A detergent composition is provided which contains a zeolite builder having a particle size, d50, of less than 1.0 micrometres; and a bicarbonate builder. Optionally, low levels of carbonate builder may be present such that the weight ratio of any carbonate builder to the bicarbonate builder is less than 4:1.

IPC 1-7

C11D 3/10; **C11D 3/12**; **C11D 7/12**; **C11D 7/20**; **C11D 9/12**; **C11D 9/18**

IPC 8 full level

C11D 3/10 (2006.01); **C11D 3/12** (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP)

C11D 3/10 (2013.01); **C11D 3/128** (2013.01); **C11D 3/38609** (2013.01)

Citation (search report)

- [XA] WO 9502036 A1 19950119 - UNILEVER PLC [GB], et al
- [XA] US 4666740 A 19870519 - WIXON HAROLD E [US]
- [XA] EP 0653481 A1 19950517 - PROCTER & GAMBLE [US]
- [A] WO 9516016 A1 19950615 - PROCTER & GAMBLE [US]
- See references of WO 9712025A1

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 9712025 A1 19970403; BR 9610735 A 19990713; CA 2232956 A1 19970403; EP 0863973 A1 19980916; EP 0863973 A4 19990210; GB 9519607 D0 19951129

DOCDB simple family (application)

US 9615452 W 19960926; BR 9610735 A 19960926; CA 2232956 A 19960926; EP 96933155 A 19960926; GB 9519607 A 19950926