

Title (en)
DETERGENT COMPOSITION

Title (de)
WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)
COMPOSITION DETERGENTE

Publication
EP 0859824 A4 19990210 (EN)

Application
EP 96933154 A 19960926

Priority
• GB 9519606 A 19950926
• US 9615450 W 19960926

Abstract (en)
[origin: WO9712023A1] A detergent composition is provided which contains a zeolite builder having a particle size, d50, of from 1.1 to 10.0 micrometres; and a proteolytic enzyme having an isoelectric point of less than 10.0. Alcalase is exemplified. The composition contains less than 7 % by weight of the composition of carbonate builder. Preferably the composition is free of proteolytic enzyme having an isoelectric point above 10.0.

IPC 1-7
C11D 3/08; **C11D 3/386**

IPC 8 full level
C11D 3/12 (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP)
C11D 3/128 (2013.01); **C11D 3/386** (2013.01)

Citation (search report)
• [XA] EP 0066323 A1 19821208 - PROCTER & GAMBLE [US]
• [XA] US 5431846 A 19950711 - CHRISTOPHER DAVID J [GB], et al
• [XA] EP 0640684 A1 19950301 - COLGATE PALMOLIVE CO [US]
• [XA] EP 0580245 A2 19940126 - COLGATE PALMOLIVE CO [US]
• [PX] GB 2287950 A 19951004 - PROCTER & GAMBLE [US]
• [A] DE 2901339 A1 19790719 - NOVO INDUSTRI AS
• See references of WO 9712023A1

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 9712023 A1 19970403; BR 9610737 A 19990713; CA 2233045 A1 19970403; EP 0859824 A1 19980826; EP 0859824 A4 19990210; GB 9519606 D0 19951129

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