

Title (en)

DETERGENT COMPOSITION COMPRISING ZEOLITE AND AMYLASE ENZYME

Title (de)

ZEOLITH UND AMYLASE ENTHALTENDES WASCHMITTEL

Title (fr)

COMPOSITION DETERGENTE COMPRENANT DE LA ZEOLITE ET UNE ENZYME AMYLASE

Publication

EP 0802969 A4 19991201 (EN)

Application

EP 96903400 A 19960105

Priority

- GB 9500738 A 19950114
- US 9600281 W 19960105

Abstract (en)

[origin: WO9621717A1] A detergent composition is disclosed which contains an amylase enzyme, and a detergency builder comprising zeolite having a particle size, expressed as a d50 value, of less than 1.0 micrometres. Granular and liquid detergent compositions are preferred and methods of making such compositions are disclosed.

IPC 1-7

C11D 3/386; **C11D 3/08**

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)

- [X] EP 0580245 A2 19940126 - COLGATE PALMOLIVE CO [US]
- [X] WO 9400545 A1 19940106 - UNILEVER PLC [GB], et al
- [X] DE 2656009 A1 19770623 - COLGATE PALMOLIVE CO
- [A] DE 4034131 A1 19920430 - HENKEL KGAA [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9621717 A1 19960718; AR 000717 A1 19970806; AT E251664 T1 20031015; BR 9606758 A 19980106; CA 2210293 A1 19960718; CA 2210293 C 20010724; DE 69630279 D1 20031113; DE 69630279 T2 20040722; EP 0802969 A1 19971029; EP 0802969 A4 19991201; EP 0802969 B1 20031008; ES 2206559 T3 20040516; GB 9500738 D0 19950308; MX 9705327 A 19971031

DOCDB simple family (application)

US 9600281 W 19960105; AR P960101000 A 19960112; AT 96903400 T 19960105; BR 9606758 A 19960105; CA 2210293 A 19960105; DE 69630279 T 19960105; EP 96903400 A 19960105; ES 96903400 T 19960105; GB 9500738 A 19950114; MX 9705327 A 19960105