

Title (en)
Detergent composition.

Title (de)
Waschmittel.

Title (fr)
Composition détergente.

Publication
EP 0445852 A1 19910911 (EN)

Application
EP 91200232 A 19910205

Priority
NL 9000272 A 19900205

Abstract (en)
A phosphate-free main wash detergent composition comprises a. a builder system based on 1. at least 20 wt.% soluble silicate (based on the detergent composition) in an Na₂O/SiO₂ ratio less than or equal to 1/2, 2. sodium carbonate and/or sodium bicarbonate b. 0.5 to 10 wt.% anionic polymer c. anionic and/or non-ionic surfactant, and d. if desired, conventional additives. i

IPC 1-7
C11D 3/08; **C11D 3/10**; **C11D 3/37**

IPC 8 full level
C11D 3/08 (2006.01); **C11D 3/10** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)
C11D 3/08 (2013.01); **C11D 3/10** (2013.01); **C11D 3/3761** (2013.01); **C11D 3/378** (2013.01)

Citation (search report)

- [X] EP 0221776 A2 19870513 - UNILEVER PLC [GB], et al
- [Y] US 4692275 A 19870908 - SECEMSKI ISAAC I [US], et al
- [Y] EP 0080222 A1 19830601 - PROCTER & GAMBLE [US]
- [X] FR 2165945 A1 19730810 - HENKEL & CIE GMBH
- [X] DE 3743739 A1 19890706 - BASF AG [DE]
- [X] DE 3627773 A1 19880218 - HOECHST AG [DE]
- [AD] DE 3825858 A1 19900201 - HENKEL KGAA [DE]

Cited by
ES2070736A1; US5540855A; US7879154B2; US5998360A; FR2743085A1; AU2013312934B2; US9738856B2; WO9521237A1; WO2014039437A3; WO0039261A1; US8303721B2; US9752100B2

Designated contracting state (EPC)
BE DE DK ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0445852 A1 19910911; AU 635107 B2 19930311; AU 7025391 A 19910808; NL 9000272 A 19910902; NO 910422 D0 19910204; NO 910422 L 19910806

DOCDB simple family (application)
EP 91200232 A 19910205; AU 7025391 A 19910205; NL 9000272 A 19900205; NO 910422 A 19910204