

Title (en)

Controlled sudsing detergent compositions.

Title (de)

Reinigungsmittelzusammensetzungen mit geregelterm Schaumverhalten.

Title (fr)

Compositions détergentes à moussage réglé.

Publication

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Application

EP 79200471 A 19790828

Priority

GB 7836241 A 19780909

Abstract (en)

Built granular detergent compositions having high sudsing properties in cool e.g. hand washing conditions and suppressed sudsing in hotter machine washing conditions comprise an organic detergent component containing at least 50% by weight of nonionic and/or water-soluble cationic surfactants, detergency builders, and a ternary suds controlling system which is a uniform dispersion of hydrophobic silica, and a hydrophilic nonionic dispersant in wax:

IPC 1-7

C11D 1/86; **C11D 1/38**; **C11D 1/68**

IPC 8 full level

C11D 1/86 (2006.01); **C11D 3/00** (2006.01); **C11D 3/12** (2006.01); **C11D 3/18** (2006.01); **C11D 1/22** (2006.01); **C11D 1/62** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)

C11D 1/86 (2013.01); **C11D 3/0026** (2013.01); **C11D 3/124** (2013.01); **C11D 3/18** (2013.01); **C11D 1/22** (2013.01); **C11D 1/62** (2013.01); **C11D 1/72** (2013.01)

Citation (search report)

- FR 2380340 A1 19780908 - BASF AG [DE]
- FR 2231745 A1 19741227 - HENKEL & CIE GMBH [DE]
- FR 2231743 A1 19741227 - HENKEL & CIE GMBH [DE]
- DE 2124526 A1 19711202
- FR 2264086 A2 19751010 - PROCTER & GAMBLE [US]
- AT 267024 B 19681210 - UNILEVER NV [NL]

Cited by

EP0151936A3; US5780410A; US4818292A; EP0094250A1; GB2169308A; US4732694A; EP0150387A1; US4599189A; US4801401A; EP0091802A1; US6017867A; EP0051986A3; EP0150386A1; US4590237A; EP0151936A2; US7078373B2; US6200498B1; WO0244310A3; WO2008129026A1

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