

Title (en)
Liquid detergent compositions.

Title (de)
Flüssige Detergenezusammensetzungen.

Title (fr)
Compositions détergentes liquides.

Publication
EP 0181212 A1 19860514 (EN)

Application
EP 85308098 A 19851107

Priority
• GB 8428149 A 19841107
• GB 8526302 A 19851024

Abstract (en)
Stable liquid dishwashing detergent compositions are provided incorporating an alkyl benzene sulphonate and/or alkyl sulphate, an alkyl ethoxy sulphate, an ethoxylated C6-C13 alcohol containing an average of from 3 to 12 moles of ethylene oxide and wherein the ethoxylated alcohol contains no more than 1% by weight of unethoxylated alcohol and a zwitterionic surfactant containing a C10-C16 alkyl group.

IPC 1-7
C11D 1/94; **C11D 1/12**; **C11D 1/29**; **C11D 1/37**

IPC 8 full level
C11D 1/94 (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)
C11D 1/94 (2013.01); **C11D 1/146** (2013.01); **C11D 1/22** (2013.01); **C11D 1/29** (2013.01); **C11D 1/72** (2013.01)

Citation (search report)
• [A] EP 0062371 A1 19821013 - PROCTER & GAMBLE [US], et al
• [APD] EP 0125854 A2 19841121 - PROCTER & GAMBLE [US], et al
• [AD] GB 2010893 A 19790704 - UNILEVER LTD
• [AD] EP 0039110 A1 19811104 - PROCTER & GAMBLE [US], et al
• [AD] EP 0036625 A1 19810930 - HENKEL KGAA [DE]

Cited by
EP0387063A3; US5102574A; US5342549A; US5531933A; US5540864A; AU2007336423B2; US5534198A; EP0633308A1; EP1939274A1; US5336445A; US5540865A; TR26664A; US5536451A; TR26013A; TR26609A; AU714639B2; EP0232153A3; AU588967B2; TR26011A; GB2321253A; GB2321253B; US5536450A; US5454983A; GB2251101A; GB2251101B; US5209874A; WO9206171A1; WO9805745A3; WO9305132A1; WO2008074667A1; WO9404640A1; WO9715650A1; WO9624655A1; WO9206161A1; WO9206156A1

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

DOCDB simple family (publication)
EP 0181212 A1 19860514; **EP 0181212 B1 19881109**; DE 3566126 D1 19881215; ES 548571 A0 19870901; ES 8708009 A1 19870901; IE 58219 B1 19930811; IE 852767 L 19860507

DOCDB simple family (application)
EP 85308098 A 19851107; DE 3566126 T 19851107; ES 548571 A 19851106; IE 276785 A 19851106