

Title (en)
LIQUID CLEANING AGENTS

Publication
EP 0036625 B1 19840201 (DE)

Application
EP 81102003 A 19810318

Priority
DE 3011550 A 19800326

Abstract (en)
[origin: EP0036625A1] 1. A liquid cleaner based on an aqueous solution of anionic surfactants, optionally in conjunction with nonionic surfactants, solvents, solution promoters, corrosion inhibitors, preservatives, thickeners and also dyes and fragrances, characterized in that it contains from 2 to 40 % by weight of a 50:50 (parts by weight) mixture of a sulfated adduct of 1 to 5 moles of ethylene oxide with an n-C12 -alkanol and with an n-C14 -alkanol and, optionally, up to 20 % by weight of a surface-active betaine.

IPC 1-7
C11D 1/14; **C11D 1/83**; **C11D 1/90**; **C11D 17/00**

IPC 8 full level
C11D 1/14 (2006.01); **C11D 1/83** (2006.01); **C11D 1/90** (2006.01); **C11D 1/94** (2006.01); **C11D 17/00** (2006.01); **C11D 1/22** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)
C11D 1/94 (2013.01); **C11D 1/143** (2013.01); **C11D 1/22** (2013.01); **C11D 1/29** (2013.01); **C11D 1/72** (2013.01); **C11D 1/90** (2013.01)

Citation (examination)
• US 3985687 A 19761012 - INAMORATO JACK T, et al
• DE 2857292 A1 19800228 - PROCTER & GAMBLE
• DD 135288 A1 19790425 - SEIBT HORST, et al
• DE 2339991 A1 19740228 - NITTO CHEMICAL INDUSTRY CO LTD, et al

Cited by
EP0181212A1; US4976885A; EP0232153A3; EP0426906A1; FR2571059A1; EP0554991A1; US5387373A; US6537958B1; WO9616160A1; EP0387063B1; EP0049546B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0036625 A1 19810930; **EP 0036625 B1 19840201**; AT E6075 T1 19840215; DE 3011550 A1 19811001; DE 3011550 C2 19870619; DE 3162080 D1 19840308

DOCDB simple family (application)
EP 81102003 A 19810318; AT 81102003 T 19810318; DE 3011550 A 19800326; DE 3162080 T 19810318