

Title (en)
DISH WASHING DETERGENT WITH A SPECIFIC VISCOSITY PROFILE

Title (de)
GESCHIRRSPÜLMITTEL MIT SPEZIFISCHEM VISKOSITÄTSPROFIL

Title (fr)
DETERGENT A VAISSELLE A PROFIL DE VISCOSITE SPECIFIQUE

Publication
EP 1036157 B1 20040901 (DE)

Application
EP 98963466 A 19981117

Priority
• DE 19752454 A 19971126
• DE 19817833 A 19980422
• EP 9807346 W 19981117

Abstract (en)
[origin: WO9927062A1] The invention relates to pourable detergents for washing dishes by hand which remain stable in storage and which have a specific viscosity profile. The detergents contain tenside mixtures of anionic tensides and/or non-ionic tensides and/or betaine tensides and between 0.01 and 5 wt. % polymers, and preferably have (1) a viscosity of between 1,300 and 9,000 mPa.s at 20 DEG C and with a shear rate of 10 s⁻¹ or a viscosity of between 500 and 8,000 mPa.s at 20 DEG C and with a shear rate of 30 s⁻¹ and/or (2) 0.2 to 60 wt. % tenside mixture and/or (3) 0.2 to 49.8 wt. % anionic tensides, 0.1 to 14.9 wt. % non-ionic tensides and 0.1 to 14.9 wt. % betaine tensides.

IPC 1-7
C11D 17/00; **C11D 1/83**; **C11D 1/94**; **C11D 3/37**

IPC 8 full level
C11D 1/83 (2006.01); **C11D 1/94** (2006.01); **C11D 3/37** (2006.01); **C11D 17/00** (2006.01); **C11D 1/29** (2006.01); **C11D 1/66** (2006.01); **C11D 1/90** (2006.01)

CPC (source: EP)
C11D 1/94 (2013.01); **C11D 3/3765** (2013.01); **C11D 1/29** (2013.01); **C11D 1/662** (2013.01); **C11D 1/90** (2013.01)

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

DOCDB simple family (publication)
WO 9927062 A1 19990603; AT E275188 T1 20040915; DE 19817833 A1 19991028; DE 59811905 D1 20041007; EP 1036157 A1 20000920; EP 1036157 B1 20040901; JP 2001524589 A 20011204; JP 4365024 B2 20091118

DOCDB simple family (application)
EP 9807346 W 19981117; AT 98963466 T 19981117; DE 19817833 A 19980422; DE 59811905 T 19981117; EP 98963466 A 19981117; JP 2000522205 A 19981117