Title (en)

Liquid detergents.

Title (de)

Flüssige Waschmittel.

Title (fr)

Compositions détergentes liquides.

Publication

EP 0359308 A2 19900321 (EN)

Application

EP 89202220 A 19890901

Priority

GB 8821763 A 19880916

Abstract (en)

A concentrated structured aqueous liquid detergent composition comprising detergent active material and an aqueous medium Containing dissolved electrolyte material, characterised by at least any two of the following features:- (i) the electrolyte material comprises a relatively insoluble electrolyte and a co-electrolyte which promotes the solubility of said relatively insoluble electrolyte; (ii) the surfactant material comprises a stabilising surfactant which has a salting-out resistance (as hereinbefore defined) of at least 4.0; and (iii) the viscosity of the composition is no greater than 2.5 Pas at a shear rate of 21s<-><1> by virtue of a) the composition being internally structured and a portion of the surfactant material being contained in an non-network-forming phase; and/or the composition comprising a viscosity-reducing polymer; or b) the composition is externally structured and contains sufficient hydrotrope to inhibit the surfactant material from forming sufficient of an internal structure to be capable of suspending solid particles in the absence of the external structure; provided that when the composition is formulated with feature (ii) and feature (iii) a) and contains a non-network-forming phase, then the composition also comprises a viscosity reducing polymer and/or is characterised by feature (i).

IPC 1-7

C11D 17/00

IPC 8 full level

C11D 10/00 (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 17/0026 (2013.01)

Cited by

EP0724013A1; AU702446B2; US6617293B2; WO9105845A1; WO9112307A3; WO9116409A1; WO9610625A1; EP0385522B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0359308 A2 19900321; **EP 0359308 A3 19910116**; **EP 0359308 B1 19950419**; AT E121450 T1 19950515; AU 4146589 A 19900322; AU 628381 B2 19920917; BR 8904647 A 19900424; DE 68922258 D1 19950524; DE 68922258 T2 19950824; ES 2071641 T3 19950701; GB 8821763 D0 19881019; JP 2752186 B2 19980518; JP H02133498 A 19900522; ZA 897059 B 19910529

DOCDB simple family (application)

EP 89202220 A 19890901; AT 89202220 T 19890901; AU 4146589 A 19890915; BR 8904647 A 19890915; DE 68922258 T 19890901; ES 89202220 T 19890901; GB 8821763 A 19880916; JP 23973789 A 19890914; ZA 897059 A 19890915