

Title (en)

Viscous, diluable detergent composition and process for its preparation.

Title (de)

Viskoses, verdünnbares Reinigungsmittel und Verfahren zu dessen Herstellung.

Title (fr)

Composition détergente, visqueuse, diluable et son procédé d'obtention.

Publication

**EP 0254653 B1 19931027 (FR)**

Application

**EP 87420199 A 19870721**

Priority

FR 8610790 A 19860725

Abstract (en)

[origin: EP0254653A2] A clear, concentrated, pourable liquid detergent composition capable of being diluted with water to give a viscous dilute composition. This concentrated composition comprises at least one anionic surface agent, a viscosity regulator for the dilute composition, consisting of at least one surface agent chosen from the group made up of nonionic, amphoteric and zwitterionic surface agents, used in combination with at least one acid or its salt in such a quantity that it is dissolved in the concentrated composition, the surface agent and the acid or the salt being chosen so that the viscosity V2 of the dilute composition decreases, or increases and then decreases, when the quantity of acid or of its salt increases, in the case of given surface agents and water. <??>Application to compositions particularly for dishwashing. <IMAGE>

IPC 1-7

**C11D 17/00**; **C11D 1/83**; **C11D 1/94**; **C11D 3/20**

IPC 8 full level

**C11D 1/83** (2006.01); **C11D 1/88** (2006.01); **C11D 1/94** (2006.01); **C11D 3/20** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01); **C11D 1/74** (2006.01); **C11D 1/90** (2006.01); **C11D 1/92** (2006.01)

CPC (source: EP KR US)

**C11D 1/40** (2013.01 - KR); **C11D 1/83** (2013.01 - EP US); **C11D 1/94** (2013.01 - EP US); **C11D 3/2075** (2013.01 - EP US); **C11D 3/2082** (2013.01 - EP US); **C11D 3/2086** (2013.01 - EP US); **C11D 17/003** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US); **C11D 1/521** (2013.01 - EP US); **C11D 1/523** (2013.01 - EP US); **C11D 1/662** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/74** (2013.01 - EP US); **C11D 1/90** (2013.01 - EP US); **C11D 1/92** (2013.01 - EP US)

Cited by

US5710120A; DE10023437A1; EP0719320A4; TR27593A; US5851980A; US5965508A; US5747435A; EP0658188A4; TR27708A; US6172026B1; WO9219713A1; WO9510585A1; WO9600316A1; WO9704743A1; WO9801525A3; WO9630478A1; WO9319146A1; WO9502664A1; WO9513345A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0254653 A2 19880127**; **EP 0254653 A3 19881214**; **EP 0254653 B1 19931027**; AR 241931 A1 19930129; AT E96462 T1 19931115; AU 608523 B2 19910411; AU 7610187 A 19880128; BR 8703842 A 19880329; CA 1318564 C 19930601; CN 1026993 C 19941214; CN 87105144 A 19880406; DE 3787935 D1 19931202; DE 3787935 T2 19940511; DK 170053 B1 19950508; DK 388587 A 19880126; DK 388587 D0 19870724; ES 2048163 T3 19940316; FI 873218 A0 19870722; FI 873218 A 19880126; FR 2601960 A1 19880129; FR 2601960 B1 19890526; IE 62083 B1 19941214; IE 872011 L 19880125; JP 2566246 B2 19961225; JP S63258996 A 19881026; KR 880001798 A 19880426; KR 950006295 B1 19950613; NO 173246 B 19930809; NO 173246 C 19931117; NO 873095 D0 19870723; NO 873095 L 19880126; OA 08643 A 19881130; PT 85402 A 19870801; PT 85402 B 19900430; US 5057246 A 19911015

DOCDB simple family (application)

**EP 87420199 A 19870721**; AR 30825787 A 19870724; AT 87420199 T 19870721; AU 7610187 A 19870724; BR 8703842 A 19870723; CA 542992 A 19870724; CN 87105144 A 19870725; DE 3787935 T 19870721; DK 388587 A 19870724; ES 87420199 T 19870721; FI 873218 A 19870722; FR 8610790 A 19860725; IE 201187 A 19870724; JP 18377587 A 19870724; KR 870008118 A 19870725; NO 873095 A 19870723; OA 59172 A 19870723; PT 8540287 A 19870724; US 7616287 A 19870721