

Title (en)

LOW-TEMPERATURE-EFFECTIVE DETERGENT COMPOSITIONS AND DELIVERY SYSTEMS THEREFOR

Publication

EP 0158464 B1 19890719 (EN)

Application

EP 85301979 A 19850321

Priority

US 59266084 A 19840323

Abstract (en)

[origin: EP0158464A1] A laundering detergent is a mull which contains at least one detergent builder; and a nonionic surfactant system with a low pour point, most preferably 5 DEG C or below. Preferably the solids in the composition have a particle size in excess of 10 microns, and the viscosity lies in the range 10<4> to 10<5> centipoise. The detergent mull is delivered in a water soluble film pouch.

IPC 1-7

C11D 1/72; C11D 17/00; C11D 17/04

IPC 8 full level

C11D 1/66 (2006.01); **C11D 1/72** (2006.01); **C11D 17/00** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

C11D 1/72 (2013.01); **C11D 1/825** (2013.01); **C11D 17/00** (2013.01); **C11D 17/0004** (2013.01); **C11D 17/043** (2013.01); **C11D 17/044** (2013.01)

Cited by

FR2666348A1; US5395616A; US6133214A; US6465407B2; EP0284334A3; US4874537A; FR2603600A1; BE1002979A5; US5224601A; US4929380A; US4830782A; BE1002928A5; FR2619823A1; US6378274B1; EP4239046A1; US5341932A; EP2292725A1; CN113661230A; US5280835A; US5880083A; US4919834A; EP0295525A3; US5264147A; EP0513902A3; AU686995B2; AU651961B2; FR3120633A1; US6281183B1; US6363693B1; US6448212B1; US11946022B2; US11434454B2; FR3121933A1; US5222595A; US5080226A; EP0266199A3; GB2197339A; FR2609042A1; GB2197339B; US5389284A; WO2011025615A3; WO2023168310A1; WO03044155A1; WO9114765A1; US7179780B2; US6451750B2; US7674761B2; US8367599B2; US6995125B2; US7229955B2; US7304023B2; US7083047B2; US6479448B2; EP0849391A1; EP0643130B1; KR101135918B1

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