

Title (en)  
HIGHLY VISCOUS DETERGENT EMULSION

Title (de)  
HOCHVISKOSE DETERGENSEMULSION

Title (fr)  
ÉMULSION EXTRÊMEMENT VISQUEUSE DE DÉTERGENT

Publication  
**EP 2379689 A1 20111026 (EN)**

Application  
**EP 08879278 A 20081229**

Priority  
IB 2008055571 W 20081229

Abstract (en)  
[origin: WO2010076595A1] A liquid cleaner concentrate composition comprises a phase stable thickend emulsion comprising a continuous aqueous phase, an effective soil removing amount including 15 to 50 wt% of a source of alkalinity and 2 to 30 wt% of a non ionic surfactant; an effective water conditioning or sequestering amount including 0.1 to 10 wt% of a water conditioning or sequestering agent, an effective soil removing and emulsion stabilizing amount comprising 0 to 10 wt% of an a lky l polyglucoside surfactant, an effective thickening amount of polycarboxylic acid comprising 1 to 25 wt%, an effective thickening amount of fatty acid comprising 0.25 to 5 wt%, wherein the dispersed phase comprises a portion of the nonionic surfactant and the thickened emulsion concentrate exhibits a shear thinning permitting dispensing during manufacture and use and the viscosity comprises greater than 100,000 cP at 20 °C using a Bohlin CVO rheometer measured in rotating shear mode at the shear rate of 0.2 per second.

IPC 8 full level  
**C11D 3/04** (2006.01); **C11D 1/04** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01); **C11D 1/83** (2006.01); **C11D 3/20** (2006.01); **C11D 3/37** (2006.01); **C11D 10/04** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)  
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Cited by  
WO2022120174A1; US11248192B2; US11773349B2

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DOCDB simple family (publication)  
**WO 2010076595 A1 20100708**; AU 2008365987 A1 20110630; AU 2008365987 B2 20140724; CA 2746854 A1 20100708; CA 2746854 C 20161025; CN 102264886 A 20111130; CN 102264886 B 20140219; EP 2379689 A1 20111026; EP 2379689 A4 20140730; EP 2379689 B1 20180425; ES 2674577 T3 20180702; JP 2012514061 A 20120621; JP 5543490 B2 20140709; MX 2011006844 A 20110815; MX 353956 B 20180207

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