

Title (en)

Self-thickened cleaning compositions.

Title (de)

Reinigungsmittelzusammensetzungen mit eigener Selbstverdickungsfähigkeit.

Title (fr)

Compositions de nettoyage à épaississement propre.

Publication

EP 0518401 B1 19951102 (EN)

Application

EP 92201412 A 19920519

Priority

- EP 91870095 A 19910614
- EP 92870025 A 19920214

Abstract (en)

[origin: EP0518401A1] Self-thickened aqueous cleaning compositions are described which comprise an alkyl sulfate anionic surfactant and an electrolyte system. The compositions are made physically stable, even at low temperature, by incorporating therein a nonionic surfactant from a selected class.

IPC 1-7

C11D 1/83; C11D 1/72

IPC 8 full level

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

CPC (source: EP)

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C11D 1/146 (2013.01); **C11D 1/72** (2013.01); **C11D 1/721** (2013.01); **C11D 1/722** (2013.01)

Cited by

US5872088A; CN105209587A; EP0875551A1; US5656580A; US6150320A; AU703727B2; US5910477A; US5573710A; US9840681B2;
US10519400B2; US6849589B2; WO2014190133A1; WO2006055788A1; WO9413769A1; WO9533024A1; US6617293B2; US9267095B2;
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BR 9206153 A 19941227; CA 2110413 A1 19921223; CA 2110413 C 19971209; DE 69205730 D1 19951207; DE 69205730 T2 19960530;
DK 0518401 T3 19960304; ES 2079138 T3 19960101; GR 3018145 T3 19960229; IE 921922 A1 19921216; JP H06508393 A 19940922;
MX 9202883 A 19930301; NZ 243138 A 19950726; TR 25965 A 19931101; WO 9222628 A1 19921223

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JP 50095093 A 19920608; MX 9202883 A 19920615; NZ 24313892 A 19920615; TR 52992 A 19920609; US 9204772 W 19920608