

Title (en)

Liquid abrasive cleaner compositions.

Title (de)

Scheuermittel enthaltende flüssige Reinigungsmittel.

Title (fr)

Compositions de nettoyage abrasives liquides.

Publication

**EP 0214540 A2 19870318 (EN)**

Application

**EP 86111706 A 19860823**

Priority

GB 8522526 A 19850911

Abstract (en)

A liquid abrasive cleaner composition which is free from phosphates, comprising, suspended in an aqueous medium, from 40 to 70% by weight of a mineral abrasive having particles in the size range of from 1 to 10 micrometres, and up to 20% by weight of one or more electrolytes selected from the group consisting of alkali metal and ammonium salts of citric, carbonic, sulphuric, hydrochloric, succinic, adipic and glutaric acids. The particular selection of electrolytes effectively reduces the usual tendency to particle growth by very fine minerals during storage.

IPC 1-7

**C11D 3/14**; **C11D 3/395**

IPC 8 full level

**B01J 13/00** (2006.01); **C09K 3/14** (2006.01); **C11D 3/14** (2006.01); **C11D 7/02** (2006.01); **C11D 7/08** (2006.01); **C11D 7/26** (2006.01); **C11D 7/60** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

**C11D 3/14** (2013.01); **C11D 17/0013** (2013.01)

Cited by

EP0258707A3; US5281412A; US5460742A; FR2735788A1; EP0301885A1; US4911857A; EP1460125A1; WO2004083353A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0214540 A2 19870318**; **EP 0214540 A3 19880525**; **EP 0214540 B1 19901031**; DE 3675301 D1 19901206; GB 8522526 D0 19851016; JP H0455637 B2 19920903; JP S6270497 A 19870331

DOCDB simple family (application)

**EP 86111706 A 19860823**; DE 3675301 T 19860823; GB 8522526 A 19850911; JP 21250886 A 19860909