

Title (en)

PUMPABLE ALKALINE CLEANING CONCENTRATES

Title (de)

PUMPFÄHIGE ALKALISCHE REINIGERKONZENTRATE

Title (fr)

CONCENTRES DE NETTOYANTS ALCALINS SUSCEPTIBLES D'ETRE POMPES

Publication

**EP 0642575 B1 19970409 (DE)**

Application

**EP 93909939 A 19930511**

Priority

- DE 4216405 A 19920518
- EP 9301147 W 19930511

Abstract (en)

[origin: US5520841A] A composition and process for producing a storable, pumpable alkaline cleaning concentrate comprising an aqueous alkali metal hydroxide having dispersed therein alkaline builder and surfactants, and a stabilizer therefor comprising the combination of: (a) polyacrylic acid or alkali metal polyacrylate; and (b) glycerol or polyglycerol.

IPC 1-7

**C11D 17/00**; **C23G 1/14**; **C23G 1/19**; **C11D 3/20**

IPC 8 full level

**C11D 1/02** (2006.01); **C11D 1/66** (2006.01); **C11D 3/06** (2006.01); **C11D 3/08** (2006.01); **C11D 3/20** (2006.01); **C11D 3/37** (2006.01); **C11D 17/00** (2006.01); **C23G 1/14** (2006.01); **C23G 1/19** (2006.01)

CPC (source: EP KR US)

**C11D 3/06** (2013.01 - EP US); **C11D 3/08** (2013.01 - EP US); **C11D 3/2065** (2013.01 - EP US); **C11D 3/3765** (2013.01 - EP US); **C11D 17/00** (2013.01 - KR); **C11D 17/003** (2013.01 - EP US); **C23G 1/14** (2013.01 - EP US)

Cited by

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AT BE DE ES FR NL

DOCDB simple family (publication)

**WO 9323522 A1 19931125**; AT E151457 T1 19970415; AU 4066393 A 19931213; AU 660546 B2 19950629; CA 2136172 A1 19931125; DE 4216405 A1 19931125; DE 59306127 D1 19970515; EP 0642575 A1 19950315; EP 0642575 B1 19970409; ES 2100533 T3 19970616; JP H07506608 A 19950720; KR 950701680 A 19950428; US 5520841 A 19960528

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