

Title (en)

PARTICULATE BLEACHING OR CLEANING COMPOSITIONS CONTAINING ALUMINOSILICATES

Title (de)

TEILCHENFÖRMIGE, ALUMOSILIKATHALIGE BLEICH- ODER REINIGUNGSMITTELZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS NETTOYANTES OU DE BLANCHIMENT PARTICULAIRES CONTENANT DES ALUMINOSILICATES

Publication

EP 0695341 B1 19971217 (EN)

Application

EP 94913571 A 19940407

Priority

- EP 9401115 W 19940407
- GB 9308047 A 19930419

Abstract (en)

[origin: WO9424251A1] Particulate detergent, bleaching or cleaning compositions containing moisture-sensitive ingredients, for example bleach ingredients, and also containing crystalline aluminosilicate (zeolite), show significantly enhanced stability of moisture-sensitive ingredients, especially sodium percarbonate or certain bleach catalysts, if the exchangeable cations of the crystalline aluminosilicate include cations of a weak monoacidic base, for example, ammonium, lithium or hydrogen ions.

IPC 1-7

C11D 3/12; **C11D 3/39**

IPC 8 full level

C11D 3/12 (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 7/20** (2006.01); **C11D 7/54** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

C11D 3/128 (2013.01); **C11D 3/3932** (2013.01); **C11D 3/3935** (2013.01); **C11D 3/3942** (2013.01)

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9424251 A1 19941027; AU 6566994 A 19941108; AU 684769 B2 19980108; BR 9406174 A 19960109; CA 2155852 A1 19941027; CA 2155852 C 19990511; CZ 243095 A3 19960117; CZ 290131 B6 20020612; DE 69407405 D1 19980129; DE 69407405 T2 19980409; EP 0695341 A1 19960207; EP 0695341 B1 19971217; ES 2110232 T3 19980201; GB 9308047 D0 19930602; HU 217991 B 20000528; HU 9501986 D0 19950928; HU T73065 A 19960628; IN 181903 B 19981031; JP 2677710 B2 19971117; JP H08504876 A 19960528; MY 116334 A 20040131; PL 177828 B1 20000131; PL 311163 A1 19960205; SK 103695 A3 19951206; SK 281006 B6 20001009; TW 333556 B 19980611; ZA 942679 B 19951019

DOCDB simple family (application)

EP 9401115 W 19940407; AU 6566994 A 19940407; BR 9406174 A 19940407; CA 2155852 A 19940407; CZ 243095 A 19940407; DE 69407405 T 19940407; EP 94913571 A 19940407; ES 94913571 T 19940407; GB 9308047 A 19930419; HU 9501986 A 19940407; IN 166BO1994 A 19940418; JP 52272294 A 19940407; MY PI9400929 A 19940418; PL 31116394 A 19940407; SK 103695 A 19940407; TW 83105848 A 19940628; ZA 942679 A 19940419