

Title (en)

Stable aqueous suspensions of inorganic silica-based materials insoluble in water.

Title (de)

Stabile wasserhaltige Suspensionen aus anorganischen in Wasser unlöslichen Materialien auf der Basis von Kieselerde.

Title (fr)

Suspensions aqueuses et stables de matériaux inorganiques à base de silice, insolubles dans l'eau.

Publication

EP 0352358 A1 19900131 (EN)

Application

EP 88112299 A 19880729

Priority

- EP 88112299 A 19880729
- US 66015691 A 19910221

Abstract (en)

Aqueous suspensions of a silica-based inorganic material insoluble in water and in a finely subdivided form, stabilized with at least one organic polymeric compound containing hydroxylic groups and with an ammonium or phosphonium quaternary compound of the formula: <CHEM> wherein: B is nitrogen or phosphorus; A is either mono or polyvalent anion, while A1<-> is SO3<-> or COO<->.

IPC 1-7

C11D 3/00; **C11D 3/12**

IPC 8 full level

C11D 3/12 (2006.01); **C11D 3/22** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 3/1286 (2013.01); **C11D 3/222** (2013.01); **C11D 17/0013** (2013.01)

Citation (search report)

- [A] DE 2550900 A1 19760520 - PROCTER & GAMBLE EUROP
- [A] US 3325415 A 19670613 - JOSEPH KENNEY EDWARD, et al
- [A] GB 2125452 A 19840307 - LION CORP
- [A] FR 2268071 A1 19751114 - PROCTER & GAMBLE [US]
- [AD] EP 0154291 A2 19850911 - HENKEL KGAA [DE]
- [A] FR 2340276 A1 19770902 - HENKEL & CIE GMBH [DE]
- [A] US 3629139 A 19711221 - VOSSOS PETER H
- [A] FR 1549014 A 19681206

Cited by

AU720214B2; WO0105931A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI NL

DOCDB simple family (publication)

EP 0352358 A1 19900131

DOCDB simple family (application)

EP 88112299 A 19880729