

Title (en)

Alkali metal silicate/ nonionic surfactant compound

Title (de)

Alkalimetallsilicat/Niotensid-Compound

Title (fr)

Composé de silicate de métal alcalin / tensioactif nonionique

Publication

**EP 0936267 A3 19991027 (DE)**

Application

**EP 99101997 A 19990201**

Priority

DE 19805025 A 19980209

Abstract (en)

[origin: EP0936267A2] Production of a powdery mixture containing an alkali metal silicate with mole ratio SiO<sub>2</sub>:M<sub>2</sub>O of 1.8-4. M = Na and/or K and a nonionic surfactant. Production of a powdery mixture containing an alkali metal silicate with mole ratio SiO<sub>2</sub>:M<sub>2</sub>O of 1.8-4.0. M = Na and/or K and a nonionic surfactant by: (i) drying an aqueous solution of the silicate; (ii) pulverizing the solid product if necessary and isolating the fraction of size 0.2 - 0.6 mm; and (iii) contacting this fraction with the nonionic surfactant such that the wt. ratio nonionic surfactant:solid product in step (i) is above 0.5.

IPC 1-7

**C11D 3/08**; **C11D 1/66**; **C11D 11/00**

IPC 8 full level

**C11D 3/08** (2006.01); **C11D 11/00** (2006.01); **C11D 11/02** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

**C11D 3/08** (2013.01); **C11D 11/0088** (2013.01); **C11D 11/02** (2013.01); **C11D 17/06** (2013.01)

Citation (search report)

- [AX] GB 1467547 A 19770316 - SIFRANCE
- [AX] US 3838072 A 19740924 - SMITH F, et al
- [AX] US 4310431 A 19820112 - JOSHI DAVID P
- [A] DATABASE WPI Section Ch Week 8011, Derwent World Patents Index; Class A97, AN 80-18963C, XP002113877

Cited by

WO0067703A3; EP1133548B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19805025 A1 19990812**; EP 0936267 A2 19990818; EP 0936267 A3 19991027

DOCDB simple family (application)

**DE 19805025 A 19980209**; EP 99101997 A 19990201