

Title (en)

Alcaline metal silicate based builder for detergent compositions

Title (de)

Gerüststoff auf Basis von Alkalimetallsilikaten für Reinigungsmittelzusammensetzungen

Title (fr)

Agent builder à base de silicates de métaux alcalins pour compositions détergentes

Publication

EP 0488868 B1 19960221 (FR)

Application

EP 91403173 A 19911125

Priority

- FR 9014999 A 19901130
- FR 9107710 A 19910624

Abstract (en)

[origin: EP0488868A2] Builder agent for powdered detergent composition, consisting of an alkali metal silicate rich in silicon atoms in the Q2 and Q3 form. A solution of alkali metal silicate with an SiO₂/M₂O ratio of 1.6 to 3.5 which, as such, has a solids content of 10 - 60 % or which is in supported form, especially in the form of cogranulates, the weight ratio of silicate expressed on dry basis/water associated with the silicate ranging from 100/120 to 100/40, is an example of a silicate rich in silicon atoms in the Q2 and Q3 form. Use in powdered detergent compositions, especially for a washing machine and for a dishwasher.

IPC 1-7

C11D 3/08; C11D 3/10; C01B 33/32

IPC 8 full level

B01J 2/28 (2006.01); **C11D 3/08** (2006.01); **C11D 7/14** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP KR)

C11D 3/08 (2013.01 - EP); **C11D 7/14** (2013.01 - EP KR)

Cited by

US5814597A; US5427711A; US5744639A; FR2720074A1; US5807529A; US5780420A; US5618783A; US5854192A; US5998663A; EP0561656A1; FR2688798A1; US6013617A; US5958864A; US6034050A; US5798328A; EP0751212A1; FR2735787A1; EP0735132A1; FR2732355A1; WO2008154617A2; US9096817B2; US6541443B1; WO9521237A1; WO9523841A1; WO9515370A1; WO9630479A1; WO9532273A1; WO9627650A1; US7923428B2; US8658586B2; US8680038B2; US6594422B2; WO2012127129A1; EP0637626B1; US6191096B1; US6458755B2

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