

Title (en)

FORMSTABLE ALKALINE DETERGENT WITH LOW SPECIFIC WEIGHT AND A PROCESS FOR ITS PRODUCTION

Publication

**EP 0297273 B1 19911218 (DE)**

Application

**EP 88108212 A 19880521**

Priority

DE 3721461 A 19870630

Abstract (en)

[origin: EP0297273A1] The cleaning agents consist of at least 2 to 50 % by weight of alkali metal phosphates, 2 to 50 % by weight of silicates, 1 to 60 % by weight of alkali metal hydroxides and/or alkali metal carbonates or bicarbonates and additionally contain 0.25 to 10 % by weight of phosphoric acid partial esters. <??>These cleaning agents are produced by initially preparing a foam of the phosphoric acid partial esters with water in the ratio of from 1 : 2 to 1 : 80 by weight, stirring vigorously. After the other components have been incorporated by stirring or kneading into the foam, the resulting mixture is converted into shaped articles which are left to set for 0.5 to 15 hours.

IPC 1-7

**C11D 1/78**; **C11D 3/36**; **C11D 17/00**

IPC 8 full level

**C11D 7/36** (2006.01); **C11D 1/78** (2006.01); **C11D 3/06** (2006.01); **C11D 3/10** (2006.01); **C11D 3/36** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)

**C11D 1/78** (2013.01 - EP US); **C11D 3/06** (2013.01 - EP US); **C11D 3/10** (2013.01 - EP US); **C11D 3/362** (2013.01 - EP US); **C11D 17/0052** (2013.01 - EP US); **C11D 17/0073** (2013.01 - EP US)

Cited by

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