

Title (en)

Process for preparing a coloured granular alkali metal silicate.

Title (de)

Verfahren zur Herstellung von einem granulierten gefärbten Alkalisilikat.

Title (fr)

Procédé pour préparer un granulé coloré de silicate de metal alcalin.

Publication

EP 0336635 A1 19891011 (EN)

Application

EP 89303091 A 19890329

Priority

EP 88200604 A 19880330

Abstract (en)

The invention provides coloured granules (detergent speckles) which comprise an alkali metal silicate, which granules are coated with a colourant material. Preferably the coloured granules comprise a sodium silicate, in particular a metasilicate. Very good results are obtained with silicate hydrate granules, in particular a hydrate containing 5-6 water molecules per molecule of silicate in the crystal. The invention also provides a process for manufacturing the coloured granules.

IPC 1-7

C11D 3/08; **C11D 3/40**; **C11D 7/14**; **C11D 11/00**

IPC 8 full level

C11D 3/08 (2006.01); **C11D 3/40** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 3/08 (2013.01); **C11D 3/40** (2013.01); **C11D 17/0039** (2013.01)

Citation (search report)

- [X] US 3679610 A 19720725 - SAMS ROBERT H, et al
- [X] DE 1938756 B2 19780914
- [X] DE 2626383 A1 19771222 - BAERLE & CO CHEM FAB VAN
- [A] EP 0060728 A1 19820922 - UNILEVER PLC [GB], et al
- [A] DE 2632367 A1 19770217 - PROCTER & GAMBLE
- [A] CHEMICAL ABSTRACTS

Cited by

EP1113068A3; EP0737739A3; US2015105312A1; US6545147B1; US11649417B2; WO9733965A1; WO0027980A1; WO2007096052A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0336635 A1 19891011; **EP 0336635 B1 19940309**; AU 3223389 A 19891005; DE 68913575 D1 19940414; DE 68913575 T2 19940616; JP H01299898 A 19891204; ZA 892357 B 19901228

DOCDB simple family (application)

EP 89303091 A 19890329; AU 3223389 A 19890329; DE 68913575 T 19890329; JP 7526489 A 19890329; ZA 892357 A 19890330