

Title (en)
SOLID WASHING AGENTS.

Title (de)
FESTE WASCHMITTEL.

Title (fr)
DETERGENTS SOLIDES.

Publication
EP 0560799 A1 19930922

Application
EP 91920111 A 19911125

Priority
• DE 4038476 A 19901203
• EP 9102212 W 19911125

Abstract (en)
[origin: DE4038476A1] A solid washing compsn. contg. an anionic surfactant and Na₂SO₄ and/or aluminosilicate (pref. zeolite A) is prepd. by mixing 100 pts.wt. of an aq. 40-60 wt.% alkyl sulphate paste at 20-80 deg.C with (a) 15-100 pts. of Na₂SO₄ and/or (b) 10-100 pts. of aluminosilicate, and then shaping to pieces at 20-60 deg.C and/or grinding. - Pref. the paste contains 16/18C tallow alkyl sulphate Na salt. The aluminosilicate is zeolite A contg. water. The additives are dispersed in the paste at 60-80 deg.C, and the liq. mixt. is transferred to a water-cooled extruder in which it is cooled to solidification and comminuted at the same time.

Abstract (fr)
On produit des détergents solides en mélangeant 100 parties en poids d'une pâte aqueuse contenant 40 à 60 % en poids de pâte de sulfate d'alkyle, à une température comprise entre 20 et 80 °C, avec: (a) 15 à 100 parties en poids d'un sel de sodium sélectionné dans le groupe formé par le sulfate, le carbonate et le silicate de sodium, et/ou avec (b) 10 à 300 parties en poids de silicate d'aluminium. Ensuite, on fragmente et/ou on pulvérise le produit solide ainsi obtenu, à une température comprise entre 20° et 60 °C.

IPC 1-7
C11D 1/14; **C11D 3/12**; **C11D 11/00**; **C11D 17/00**; **C11D 17/06**

IPC 8 full level
C11D 1/14 (2006.01); **C11D 3/12** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP US)
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