

Title (en)
Process for making surfactant granules

Title (de)
Verfahren zur Herstellung von Tensidgranulaten

Title (fr)
Procédé pour la fabrication de granules tensioactifs

Publication
EP 0859048 A2 19980819 (DE)

Application
EP 98100768 A 19980117

Priority
DE 19702845 A 19970127

Abstract (en)
A method for the preparation of wash- and cleaning-active surfactant granules with bulk weights greater than 600 g/l by granulating surfactant formulations, comprises: (1) solutions of (A) alkyl benzene sulphonate (ABS) and/or alkyl polyglycoside (APG) surfactants and (B) carrier materials chosen from polycarboxylates or inorganic salts (preferably amorphous silicates) in a non-surfactant solvent are simultaneously nebulised through the same nozzle ; and (2) the nebulised solutions are dried in standard dryers, preferably in fluidised bed dryers or a ring mixer dryer with a high rpm, during which the two liquids separate to leave the strongly hygroscopic and tacky active substance at least partially surrounded by the non-tacky carrier material. Also claimed are washing or cleaning agents with bulk weights greater than 600 g/l which contain either (i) more than 60 wt.% ABS, (ii) more than 60 (70) wt.% APG or (iii) at least 10 (20) wt.% end product of the above method.

Abstract (de)
Die Erfindung betrifft ein Verfahren Verfahren zur Herstellung wasch- und reinigungsaktiver Tensidgranulate mit Schüttgewichten oberhalb 600 g/l durch Granulierung einer Tensid-Zubereitungsform, wobei man Lösungen von Alkylbenzolsulfonat- und/oder Alkylpolyglycosid-Tensiden und Trägermaterialien in einem nicht-tensidischen Lösungsmittel gleichzeitig durch ein- und dieselbe Düse verdüst und trocknet. Hierbei findet während der Trocknung eine Trennung zwischen den beiden Flüssigkeiten statt, so daß die stark hygroskopische, klebrige Aktivsubstanz von der nicht klebrigen Trägersubstanz mindestens teilweise eingeschlossen wird.

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