

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.

IPC 1-7  
**C11D 17/06**; **C11D 11/00**; **C11D 3/08**; **C11D 1/83**; **C11D 3/37**; **C11D 3/20**

IPC 8 full level  
**C11D 1/22** (2006.01); **C11D 1/66** (2006.01); **C11D 1/83** (2006.01); **C11D 3/08** (2006.01); **C11D 3/20** (2006.01); **C11D 3/37** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)  
**C11D 1/22** (2013.01); **C11D 1/662** (2013.01); **C11D 1/83** (2013.01); **C11D 3/2082** (2013.01); **C11D 3/2086** (2013.01); **C11D 11/0088** (2013.01); **C11D 17/0034** (2013.01); **C11D 17/065** (2013.01)

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Designated contracting state (EPC)  
AT BE DE ES FI FR GB IT NL PT SE

DOCDB simple family (publication)  
**EP 0859048 A2 19980819**; **EP 0859048 A3 19990908**; **EP 0859048 B1 20031029**; AT E253107 T1 20031115; DE 19702845 A1 19980730; DE 59809988 D1 20031204; ES 2210601 T3 20040701

DOCDB simple family (application)  
**EP 98100768 A 19980117**; AT 98100768 T 19980117; DE 19702845 A 19970127; DE 59809988 T 19980117; ES 98100768 T 19980117