

Title (en)  
PROCESS FOR PRODUCING GRANULATED SURFACTANTS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON TENSIDGRANULATEN

Title (fr)  
PROCEDE DE FABRICATION DE GRANULES TENSIOACTIFS

Publication  
**EP 0663005 B1 19991201 (DE)**

Application  
**EP 93920800 A 19930922**

Priority  
• DE 4232874 A 19920930  
• EP 9302567 W 19930922

Abstract (en)  
[origin: WO9407990A1] Detergent anionic surfactant granules of high anionic surfactant content can be produced by neutralization of anionic surfactants in their acid form using a powdered neutralizer, with simultaneous granulation and, as needed, simultaneous drying. Preferably this involves the neutralization of fatty alcohol sulfonic acids, alkyl benzene-sulfonic acids and/or (alpha)-alkylsulfonic acid methyl ester acids with an excess of sodium carbonate, and the simultaneous granulation with other liquid components, in particular with anionic surfactant pastes, aqueous hydrogen peroxide solution and/or a zeolite suspension. This production can be effected in any apparatus in which neutralization can be carried out simultaneously with granulation and drying. Preferably this preparation takes place in a continuous fluidized bed system.

IPC 1-7  
**C11D 11/04**; **C11D 17/06**

IPC 8 full level  
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