

Title (en)  
PROCESS FOR PREPARING SURFACTANT GRANULATES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON TENSIDGRANULATEN

Title (fr)  
PROCEDE DE FABRICATION DE GRANULES DE TENSIOACTIF

Publication  
**EP 0772674 B1 19980624 (DE)**

Application  
**EP 95926892 A 19950714**

Priority  
• DE 4425968 A 19940725  
• EP 9502777 W 19950714

Abstract (en)  
[origin: WO9603488A1] The invention concerns low dust content surfactant granulates which have increased bulk density but nevertheless dissolve well in water. These granulates can be prepared by a process in which an anionic surfactant or a plurality of anionic surfactants in its/their acid form and a highly-concentrated aqueous alkaline component are acted upon separately by a gaseous medium, are combined, neutralized in a multi-substance nozzle and, under high propellant pressure, are sprayed in a drying tower. The acid and alkaline components are combined in almost stoichiometric amounts and the resultant solid, finely particulate products are conveyed to a mechanical mixer in which the fine particles are agglomerated to form granulates having a bulk density of at least 400 g/l.

IPC 1-7  
**C11D 11/02**; **C11D 11/04**

IPC 8 full level  
**C11D 11/02** (2006.01); **C11D 11/04** (2006.01)

CPC (source: EP)  
**C11D 11/02** (2013.01); **C11D 11/04** (2013.01)

Cited by  
DE102004005761A1; US7186677B2; US6468957B1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9603488 A1 19960208**; AT E167700 T1 19980715; DE 4425968 A1 19960201; DE 59502656 D1 19980730; DK 0772674 T3 19990406; EP 0772674 A1 19970514; EP 0772674 B1 19980624; ES 2117433 T3 19980801

DOCDB simple family (application)  
**EP 9502777 W 19950714**; AT 95926892 T 19950714; DE 4425968 A 19940725; DE 59502656 T 19950714; DK 95926892 T 19950714; EP 95926892 A 19950714; ES 95926892 T 19950714