

Title (en)

PROCESS FOR PRODUCING SURFACTANT GRANULATES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TENSIDGRANULATEN

Title (fr)

PROCEDE DE PRODUCTION D'AGENTS TENSIO-ACTIFS GRANULES

Publication

**EP 0683814 B1 19970502 (DE)**

Application

**EP 94906207 A 19940202**

Priority

- DE 4304062 A 19930211
- EP 9400301 W 19940202

Abstract (en)

[origin: WO9418303A1] During the production of anionic surfactant-containing granulates having more than 450 g/l apparent weight by granulation of a surfactant preparation composition containing a non-surfactant liquid component, the water required and thus the energy required to evaporate the water may be reduced by separately applying a gaseous medium to the anionic surfactant in its acid form or to a mixture which contains one or several anionic surfactants in their acid form, and to an aqueous alkaline solution, which are then sprayed together or separately in almost stoichiometric amounts under a high propellant gas pressure in the granulating and drying chamber, where they are granulated and at the same time dried, if required with the admixture of one or several inorganic or organic solids.

IPC 1-7

**C11D 17/06**; **C11D 11/00**; **C11D 11/04**

IPC 8 full level

**C11D 11/00** (2006.01); **C11D 11/04** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP KR)

**C11D 11/0082** (2013.01 - EP); **C11D 11/04** (2013.01 - EP); **C11D 17/06** (2013.01 - KR); **C11D 17/065** (2013.01 - EP)

Cited by

DE10123622A1; WO9961576A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 9418303 A1 19940818**; AT E152477 T1 19970515; DE 4304062 A1 19940818; DE 59402608 D1 19970605; EP 0683814 A1 19951129; EP 0683814 B1 19970502; ES 2101507 T3 19970701; JP H08506368 A 19960709; KR 100297272 B1 20011130; KR 960701192 A 19960224; MY 110838 A 19990531

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