Title (en)

METHOD OF PRODUCING GRANULAR SURFACTANT MATERIAL.

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TENSIDGRANULATEN.

Title (fr)

PROCEDE DE FABRICATION DE GRANULATS TENSIOACTIFS.

Publication

EP 0603207 B1 19950510 (DE)

Application

EP 92917099 A 19920811

Priority

- DE 4127323 A 19910820
- EP 9201831 W 19920811

Abstract (en)

[origin: US5516447A] PCT No. PCT/EP92/01831 Sec. 371 Date Feb. 22, 1994 Sec. 102(e) Date Feb. 22, 1994 PCT Filed Aug. 11, 1992 PCT Pub. No. WO93/04162 PCT Pub. Date Mar. 4, 1993.A process for the production of washing- and cleaning-active surfactant granules containing 60 to 70% by weight of surfactant and having an apparent density above 500 g/l, wherein a formulation containing a non-surface-active liquid component and having a liquid to paste-like form under normal pressure at temperatures of 20 DEG to 40 DEG C. is introduced to a fluidized bed and granulated and, at the same time, totally or partially freed from the non-surface-active liquid compound, optionally with addition of an inorganic or organic solid, and wherein the granules are discharged from the fluidized bed via a grading step by a countercurrent air-stream which is adjusted so that only particles above a predetermined size are removed from the granules.

IPC 1-7

C11D 17/06; C11D 11/00

IPC 8 full level

C11D 1/831 (2006.01); **C11D 11/00** (2006.01); **C11D 17/06** (2006.01); C11D 1/14 (2006.01); C11D 1/22 (2006.01); C11D 1/28 (2006.01); C11D 1/72 (2006.01)

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C11D 1/831 (2013.01 - EP US); **C11D 11/0082** (2013.01 - EP US); **C11D 17/065** (2013.01 - EP US); C11D 1/14 (2013.01 - EP US); C11D 1/22 (2013.01 - EP US); C11D 1/28 (2013.01 - EP US); C11D 1/72 (2013.01 - EP US)

Cited by

WO2014072840A1; US6455488B1; US6362157B1; US7064100B2; US6610752B1; US6841614B1; US6780829B1

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