

Title (en)

PRODUCTION OF DEFOAMING GRANULATES IN A THIN-LAYER EVAPORATOR

Title (de)

HERSTELLUNG VON ENTSCHÄUMERGRANULATEN IM DÜNNSCHICHTVERDAMPFER

Title (fr)

PRODUCTION DE GRANULES D'AGENT ANTIMOUSSANT DANS UN EVAPORATEUR A COUCHES MINCES

Publication

EP 1105453 B1 20021023 (DE)

Application

EP 99941535 A 19990807

Priority

- DE 19837196 A 19980817
- EP 9905721 W 19990807

Abstract (en)

[origin: DE19837196A1] Production of defoaming granulate for solid detergents comprises spraying an aqueous emulsion of a silicone, onto a pre-product mixture containing a carrier and an optionally water soluble waxy defoaming agent, while simultaneously drying and granulating the mixture in a thin film evaporator.

IPC 1-7

C11D 3/37

IPC 8 full level

C11D 3/00 (2006.01); **C11D 3/16** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 3/0026 (2013.01); **C11D 3/162** (2013.01); **C11D 3/225** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

DE 19837196 A1 20000224; DE 59903195 D1 20021128; EP 1105453 A1 20010613; EP 1105453 B1 20021023; ES 2185393 T3 20030416; WO 0011126 A1 20000302

DOCDB simple family (application)

DE 19837196 A 19980817; DE 59903195 T 19990807; EP 9905721 W 19990807; EP 99941535 A 19990807; ES 99941535 T 19990807