

Title (en)  
FOAM REGULATING GRANULATES

Title (de)  
SCHAUMREGULATORGRANULAT

Title (fr)  
GRANULES REGULATEURS DE MOUSSE

Publication  
**EP 1362090 B1 20060913 (DE)**

Application  
**EP 02722070 A 20020213**

Priority  
• DE 10108459 A 20010222  
• EP 0201458 W 20020213

Abstract (en)  
[origin: DE10108459A1] The aim of the invention is to improve the stability of particulate foam regulating granulates for using in washing and cleaning products. To this end, a solid support material containing alkali carbonate and a Bronsted acid is sprayed with an aqueous foam regulating emulsion containing between 16 wt. % and 70 wt. % of a foam regulating active ingredient based on paraffin wax and/or silicon oil, between 2 wt. % and 15 wt. % of a non-ionic and/or anionic emulsifying agent, and no more than 80 wt. % of water.  
[origin: DE10108459A1] A foam-regulator granulate contains a paraffin wax- and/or silicone oil-based foam regulator, a nonionic and/or anionic emulsifier and a solid carrier, this carrier containing alkali carbonate and a Bronsted acid. Also included is an Independent claim for a process in which the solid carrier onto which an aqueous emulsion is sprayed to produce a foam-regulator granulate contains alkali carbonate and a Bronsted acid, the emulsion being of the type described in WO200036063 and comprising by wt: (i) a paraffin wax- and/or silicone oil-based foam regulator (16-70%); (ii) a nonionic and/or anionic emulsifier (2-15%); and (iii) water (up to 80%).

IPC 8 full level  
**C11D 17/06** (2006.01); **C11D 1/02** (2006.01); **C11D 1/66** (2006.01); **C11D 1/83** (2006.01); **C11D 3/00** (2006.01); **C11D 3/10** (2006.01); **C11D 3/16** (2006.01); **C11D 3/18** (2006.01); **C11D 3/37** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)  
**C11D 1/02** (2013.01 - EP US); **C11D 1/66** (2013.01 - EP US); **C11D 1/83** (2013.01 - EP US); **C11D 3/0026** (2013.01 - EP US); **C11D 3/10** (2013.01 - EP US); **C11D 3/18** (2013.01 - EP US); **C11D 3/373** (2013.01 - EP US); **C11D 17/06** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**DE 10108459 A1 20020912**; DE 50208134 D1 20061026; EP 1362090 A1 20031119; EP 1362090 B1 20060913; ES 2272700 T3 20070501; US 2004152615 A1 20040805; US 7279453 B2 20071009; WO 02074894 A1 20020926

DOCDB simple family (application)  
**DE 10108459 A 20010222**; DE 50208134 T 20020213; EP 0201458 W 20020213; EP 02722070 A 20020213; ES 02722070 T 20020213; US 64716503 A 20030822