

Title (en)
METHOD FOR PRODUCING A LOW FOAMING SILICONE-CONTAINING WASHING AGENT

Publication
EP 0070491 B1 19850130 (DE)

Application
EP 82106222 A 19820712

Priority
DE 3128631 A 19810720

Abstract (en)
[origin: US4419260A] In the production of a spray-dried detergent containing a silicone/silica mixture as an antifoaming agent, the aqueous silicone-free detergent slurry (A) is combined in the range of the spray nozzle or in the pressure line leading to the spray nozzle under conditions whereby substantial mixing is avoided in order to avoid loss of the antifoaming action, with an aqueous dispersion (B) which contains the liquid antifoaming silicone agent, which is present in a particle size of from 0.5 to 40 μm , as well as a film-forming, high-molecular-weight polymer which is soluble or swellable in water, and which is suitable for the formation of microcapsules, preferably a cellulose ether. The microcapsules are formed during the combination of the mixture (A) with the dispersion (B) at the time of spraying, or in the dispersion itself, if electrolyte salts were added to the latter before spraying.

IPC 1-7
C11D 3/00; **C11D 17/00**; **B01D 19/04**

IPC 8 full level
B01D 19/04 (2006.01); **C11D 3/00** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 11/02** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)
C11D 3/0026 (2013.01 - EP US); **C11D 3/225** (2013.01 - EP US); **C11D 3/373** (2013.01 - EP US); **C11D 11/02** (2013.01 - EP US)

Cited by
KR100858065B1; EP0336710A1

Designated contracting state (EPC)
AT BE CH DE FR IT LI NL

DOCDB simple family (publication)
EP 0070491 A1 19830126; **EP 0070491 B1 19850130**; AT E11562 T1 19850215; BR 8204170 A 19830712; DE 3128631 A1 19830203; DE 3262141 D1 19850314; US 4419260 A 19831206

DOCDB simple family (application)
EP 82106222 A 19820712; AT 82106222 T 19820712; BR 8204170 A 19820719; DE 3128631 A 19810720; DE 3262141 T 19820712; US 38659682 A 19820609