

Title (en)  
PRODUCTION OF ANIONIC DETERGENT PARTICLES

Title (de)  
HERSTELLUNG VON ANIONISCHEN WASCHMITTELTEILCHEN

Title (fr)  
PRODUCTION DE PARTICULES DE DETERGENT CONTENANT UN TENSIOACTIF ANIONIQUE

Publication  
**EP 0883679 B1 20020619 (EN)**

Application  
**EP 97902354 A 19970208**

Priority  
• EP 9700591 W 19970208  
• GB 9604000 A 19960226

Abstract (en)  
[origin: WO9732002A1] In a process for producing detergent particles comprising an anionic surfactant, a paste comprising water and the surfactant is fed to a drying zone where it is heated. Subsequently, the paste is cooled in a cooling zone. A layering agent is introduced into the cooling zone to improve granularity.

IPC 1-7  
**C11D 11/00**; **C11D 17/06**; **C11D 11/04**

IPC 8 full level  
**C11D 1/02** (2006.01); **C11D 11/00** (2006.01); **C11D 11/04** (2006.01); **C11D 11/02** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP US)  
**C11D 1/02** (2013.01 - EP US); **C11D 11/0082** (2013.01 - EP US); **C11D 11/04** (2013.01 - EP US); **C11D 17/0039** (2013.01 - EP US);  
**C11D 17/06** (2013.01 - EP US)

Cited by  
DE10160319A1; DE10160319B4

Designated contracting state (EPC)  
BE DE ES FR GB IT

DOCDB simple family (publication)  
**WO 9732002 A1 19970904**; AR 005990 A1 19990721; AU 1602297 A 19970916; AU 733689 B2 20010524; BR 9707741 A 19990727; CN 1156564 C 20040707; CN 1216578 A 19990512; DE 69713488 D1 20020725; DE 69713488 T2 20030116; EA 001548 B1 20010423; EA 199800766 A1 19990225; EP 0883679 A1 19981216; EP 0883679 B1 20020619; ES 2177930 T3 20021216; GB 9604000 D0 19960424; HU P9900652 A2 19990728; HU P9900652 A3 20020429; ID 16047 A 19970828; IN 188392 B 20020914; JP 2000506193 A 20000523; PL 188721 B1 20050429; PL 328458 A1 19990201; TR 199801664 T2 19981123; TW 349122 B 19990101; US RE36593 E 20000229; ZA 971457 B 19980820

DOCDB simple family (application)  
**EP 9700591 W 19970208**; AR P970100750 A 19970225; AU 1602297 A 19970208; BR 9707741 A 19970208; CN 97194066 A 19970208; DE 69713488 T 19970208; EA 199800766 A 19970208; EP 97902354 A 19970208; ES 97902354 T 19970208; GB 9604000 A 19960226; HU P9900652 A 19970208; ID 970563 A 19970225; IN 108BO1997 A 19970221; JP 53054197 A 19970208; PL 32845897 A 19970208; TR 9801664 T 19970208; TW 86102500 A 19970303; US 33611799 A 19990617; ZA 971457 A 19970220