

Title (en)

PROCESS FOR MAKING A DETERGENT COMPOSITION BY ADDING CO-SURFACTANTS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER WASCHMITTELZUSAMMENSETZUNG DURCH ZUGABE VON COTENSIDEN

Title (fr)

PROCEDE DE PREPARATION D'UNE COMPOSITION DETERGENTE PAR L'ADDITION DE COTENSIOACTIFS

Publication

**EP 1025196 A1 20000809 (EN)**

Application

**EP 97907907 A 19970227**

Priority

US 9703064 W 19970227

Abstract (en)

[origin: WO9838279A1] A process for continuously preparing a free flowing agglomerate having a reduced level of resulting undesirable oversized granules is provided. The process comprises the steps of (a) thoroughly mixing a crystalline anionic surfactant paste with a sufficient amount of fine powders of starting detergent materials to form a free flowing agglomerate, then (b) thoroughly mixing a product of the step (a) with a non-crystalline anionic surfactant paste so as to form a free flowing agglomerate.

IPC 1-7

**C11D 11/00**; **C11D 1/37**; **C11D 17/06**

IPC 8 full level

**C11D 1/37** (2006.01); **C11D 3/14** (2006.01); **C11D 11/00** (2006.01); **C11D 17/06** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01)

CPC (source: EP)

**C11D 1/37** (2013.01); **C11D 11/0082** (2013.01); **C11D 17/06** (2013.01); **C11D 1/146** (2013.01); **C11D 1/22** (2013.01); **C11D 1/29** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

**WO 9838279 A1 19980903**; AR 011693 A1 20000830; AT E271601 T1 20040815; AU 1978997 A 19980918; CA 2280898 A1 19980903; CA 2280898 C 20030401; DE 69729964 D1 20040826; DE 69729964 T2 20050825; EP 1025196 A1 20000809; EP 1025196 B1 20040721; ES 2225955 T3 20050316; JP 3105266 B2 20001030; JP H11506498 A 19990608; MA 24478 A1 19981001; MX 208228 B 20020605; MX 9907936 A 19991231; PH 11998000411 B1 20020507

DOCDB simple family (application)

**US 9703064 W 19970227**; AR P980100868 A 19980226; AT 97907907 T 19970227; AU 1978997 A 19970227; CA 2280898 A 19970227; DE 69729964 T 19970227; EP 97907907 A 19970227; ES 97907907 T 19970227; JP 51361098 A 19970227; MA 24969 A 19980218; MX 9907936 A 19970227; PH 11998000411 A 19980224