

Title (en)
PROCESS FOR THE PRODUCTION OF A DETERGENT COMPOSITION

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER WASCHMITTELZUSAMMENSETZUNG

Title (fr)
PROCEDE POUR LA PRODUCTION D'UNE COMPOSITION DETERGENTE

Publication
EP 0882126 A1 19981209 (EN)

Application
EP 97901008 A 19970106

Priority
• EP 9700118 W 19970106
• GB 9601920 A 19960131

Abstract (en)
[origin: WO9728246A1] A process for the production of a low to medium bulk density detergent composition by mixing a liquid binder and a particulate starting material in a high speed mixer/granulator to form granules which are then contacted with a particulate material having a bulk density of not more than 700g/l in very low shear mixing zone for example a fluid bed. Compositions produced by this process are also disclosed.

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

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

CPC (source: EP)
C11D 11/0082 (2013.01); **C11D 11/04** (2013.01); **C11D 17/06** (2013.01)

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

DOCDB simple family (publication)
WO 9728246 A1 19970807; AR 005576 A1 19990623; AU 1440997 A 19970822; BR 9707474 A 19990727; CA 2242420 A1 19970807; CA 2242420 C 20050830; CN 1191351 C 20050302; CN 1209835 A 19990303; DE 69701731 D1 20000525; DE 69701731 T2 20000810; EA 001314 B1 20010226; EA 199800668 A1 19990225; EP 0882126 A1 19981209; EP 0882126 B1 20000419; ES 2145567 T3 20000701; GB 9601920 D0 19960403; HU P9901180 A2 19990830; HU P9901180 A3 20020429; IN 188387 B 20020914; PL 184656 B1 20021129; PL 328022 A1 19990104; TR 199801444 T2 19981021; ZA 97255 B 19980714

DOCDB simple family (application)
EP 9700118 W 19970106; AR P970100333 A 19970128; AU 1440997 A 19970106; BR 9707474 A 19970106; CA 2242420 A 19970106; CN 97191960 A 19970106; DE 69701731 T 19970106; EA 199800668 A 19970106; EP 97901008 A 19970106; ES 97901008 T 19970106; GB 9601920 A 19960131; HU P9901180 A 19970106; IN 61BO1997 A 19970131; PL 32802297 A 19970106; TR 9801444 T 19970106; ZA 97255 A 19970113