

Title (en)

Process and compositions for compact detergents

Title (de)

Verfahren zur Herstellung von kompakten Reinigungsmitteln

Title (fr)

Procédé et compositions pour détergents sous forme compacte

Publication

**EP 0578871 B1 19980527 (EN)**

Application

**EP 92202169 A 19920715**

Priority

EP 92202169 A 19920715

Abstract (en)

[origin: EP0578871A1] A high active granular detergent composition is prepared by making a base powder with a bulk density of at least 600 g/l and having less than 10% by weight of particles less than 150 microns and less than 10% by weight of particles greater than 1700 microns. Additional ingredients are post-added comprising filler particles having a defined particle size range which further increases the bulk density of the finished product while maintaining good dispensing and dissolution properties.

IPC 1-7

**C11D 3/12**; **C11D 17/06**

IPC 8 full level

**C11D 11/00** (2006.01); **C11D 3/12** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

**C11D 3/128** (2013.01); **C11D 17/065** (2013.01)

Cited by

US5723428A; US5583098A; AU717098B2; US6156718A; US5854198A; US7115548B1; US6936577B2; US9228157B2; US6503876B1; WO0042162A1; WO97111153A1; WO9514767A1; WO9416052A1; WO9606922A1; WO0047707A1; WO9637599A1; WO03035822A1; WO03035821A1; EP0660873B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0578871 A1 19940119**; **EP 0578871 B1 19980527**; CA 2139363 A1 19940203; CA 2139363 C 19990112; DE 69225702 D1 19980702; DE 69225702 T2 19990121; EG 20479 A 19990531; ES 2116311 T3 19980716; IE 930521 A1 19940126; JP 4033895 B2 20080116; JP H07509267 A 19951012; MA 22932 A1 19940401; MX 9304263 A 19940531; TR 26783 A 19950515; WO 9402573 A1 19940203

DOCDB simple family (application)

**EP 92202169 A 19920715**; CA 2139363 A 19930616; DE 69225702 T 19920715; EG 43793 A 19930713; ES 92202169 T 19920715; IE 930521 A 19930714; JP 50445394 A 19930616; MA 23232 A 19930713; MX 9304263 A 19930714; TR 61493 A 19930715; US 9305757 W 19930616