

Title (en)

PROCESS FOR PRODUCING DETERGENT TABLETS FOR DISHWASHING MACHINES.

Title (de)

VERFAHREN ZUR HERSTELLUNG VON REINIGUNGSMITTELTABLETTEN FÜR DAS MASCHINELLE GESCHIRRSPÜLEN.

Title (fr)

PROCEDE DE PRODUCTION DE PASTILLES DE DETERGENT POUR MACHINES A LAVER LA VAISSELLE.

Publication

**EP 0579659 B1 19950614 (DE)**

Application

**EP 92907884 A 19920403**

Priority

- DE 4112075 A 19910412
- EP 9200744 W 19920403

Abstract (en)

[origin: WO9218604A1] The invention discloses a process for producing stable bifunctional, phosphate- and metasilicate-free, low-alkali detergent tablets for dishwashing machines containing granular, alkaline detergent additives consisting of sodium salts of at least one homopolymeric or copolymeric (meth)acrylic acid, sodium carbonate, sodium sulphate and water, non-foaming nonionic tensides, skeleton substances, bleaching agents, water and possibly bleach activators, aromas, dyes and enzymes. The granular detergent additives together with the skeleton substances, water and possibly nonionic tensides are again granulated by agglomeration in a known manner. The granular material is then treated with hot air in the fluidized bed and mixed with the bleaching agent and other additives. The mixture is then pressed in a conventional tablet press.

IPC 1-7

**C11D 17/00**

IPC 8 full level

**C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)

**C11D 17/0091** (2013.01 - EP US)

Cited by

US6153576A; US6075001A; US6200946B1; US6417151B1; US6235695B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**WO 9218604 A1 19921029**; AT E123804 T1 19950615; DE 4112075 A1 19921015; DE 4112075 C2 19930902; DE 59202554 D1 19950720; DK 0579659 T3 19951106; EP 0579659 A1 19940126; EP 0579659 B1 19950614; ES 2073295 T3 19950801; JP 3147901 B2 20010319; JP H06506493 A 19940721; US 5358655 A 19941025

DOCDB simple family (application)

**EP 9200744 W 19920403**; AT 92907884 T 19920403; DE 4112075 A 19910412; DE 59202554 T 19920403; DK 92907884 T 19920403; EP 92907884 A 19920403; ES 92907884 T 19920403; JP 50712892 A 19920403; US 13710693 A 19931012