

Title (en)

CONTINUOUS PRODUCTION PROCESS OF A GRANULATED WASHING AND/OR CLEANING AGENT.

Title (de)

VERFAHREN ZUR KONTINUIERLICHEN HERSTELLUNG EINES GRANULAREN WASCH- UND/ODER REINIGUNGSMITTELS.

Title (fr)

PROCEDE DE FABRICATION CONTINUE D'UN DETERGENT ET/OU D'UN NETTOYANT GRANULAIRE.

Publication

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Application

EP 93909975 A 19930513

Priority

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- EP 9301191 W 19930513

Abstract (en)

[origin: US5616550A] PCT No. PCT/EP93/01191 Sec. 371 Date Dec. 19, 1994 Sec. 102(e) Date Dec. 19, 1994 PCT Filed May 13, 1993 PCT Pub. No. WO93/23523 PCT Pub. Date Nov. 25, 1993A process for the continuous production of a granular detergent composition comprising: (a) pregranulating at least 40% by weight of a mixture of solid and liquid detergent components, based on the total weight of the solid and liquid cleaning components, in a first low-speed mixer/granulator having mixing tools contained therein, to form a pregranulated detergent mixture; and (b) granulating the pregranulated detergent mixture in a second high-speed mixer/granulator to form a final granular detergent composition.

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP US)

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Cited by

US6875734B2; DE102007016391A1; DE102008013606A1; US8426635B2; US8263541B2; US8785362B2; DE102007028310A1; WO2007054203A2; DE102008024084A1; EP1842900A1; US7510859B2; US6380147B1; US7888104B2; US8785365B2; US9353361B2; DE102004047776B4; US6746996B2; DE102011010818A1; WO2012107187A1; US6541233B1; US6417152B1; US7186677B2; US6468957B1; US8080401B2; DE102014009836A1; DE102004047777B4; US7300782B2; US6649085B2; US6683042B1; US6703357B1; US6417151B1

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