

Title (en)
PROCESS FOR THE MANUFACTURE OF WASHING AND CLEANSING AGENTS.

Title (de)
VERFAHREN ZUR HERSTELLUNG VON WASCH- UND REINIGUNGSMITTELN.

Title (fr)
PROCEDE POUR LA FABRICATION D'AGENTS DE LAVAGE ET DE NETTOYAGE.

Publication
EP 0523099 B1 19940615

Application
EP 91906811 A 19910325

Priority
• DE 4010533 A 19900402
• EP 9100567 W 19910325

Abstract (en)
[origin: US5382377A] PCT No. PCT/EP91/00567 Sec. 371 Date Dec. 2, 1992 Sec. 102(e) Date Dec. 2, 1992 PCT Filed Mar. 25, 1991 PCT Pub. No. WO91/15567 PCT Pub. Date Oct. 17, 1991. The process of producing a detergent in the form of portioned pressings by extrusion of a homogeneous premix containing a plasticizer or lubricant into strands through a perforated die under a pressure of from about 25 to about 200 bar and forming compacted granules thereof, and then pressing the compacted granules into portioned pressings such as tablets.

IPC 1-7
C11D 17/00

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

CPC (source: EP US)
C11D 11/0082 (2013.01 - EP US); **C11D 17/0047** (2013.01 - EP US); **C11D 17/0073** (2013.01 - EP US); **C11D 17/06** (2013.01 - EP US);
C11D 17/065 (2013.01 - EP US)

Cited by
USRE39139E; US7008912B1; US6410500B1; US6506720B1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
US 5382377 A 19950117; AT E107350 T1 19940715; DE 4010533 A1 19911010; DE 59101947 D1 19940721; EP 0523099 A1 19930120;
EP 0523099 B1 19940615; ES 2055599 T3 19940816; WO 9115567 A2 19911017; WO 9115567 A3 19911114

DOCDB simple family (application)
US 93067292 A 19921202; AT 91906811 T 19910325; DE 4010533 A 19900402; DE 59101947 T 19910325; EP 9100567 W 19910325;
EP 91906811 A 19910325; ES 91906811 T 19910325