

Title (en)
DETERGENT PARTICLES AND PROCESSES FOR MAKING THEM

Title (de)
WASCHMITTELTEILCHEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
PARTICULES DETERGENTES ET PROCEDES DE FABRICATION

Publication
EP 1187900 A1 20020320 (EN)

Application
EP 00941565 A 20000620

Priority

- US 0016916 W 20000620
- US 14009499 P 19990621

Abstract (en)
[origin: WO078908A1] Particulate detergents and methods for making them with improved process flexibility are disclosed. The detergent particulates are formed from a combination of pre-formed detergent particulates and other detergent ingredients which may also be preformed such as blown powders, extrudates or agglomerates or particulate raw materials. Selection of the feed streams into a low or moderate shear mixing process enable density of the finished detergent particle to be controlled without requiring careful control of the processing conditions.

IPC 1-7
C11D 11/00; **C11D 17/06**; **C11D 3/50**

IPC 8 full level
C11D 3/00 (2006.01); **C11D 3/50** (2006.01); **C11D 11/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)
C11D 3/0063 (2013.01); **C11D 3/50** (2013.01); **C11D 11/0082** (2013.01); **C11D 17/065** (2013.01)

Citation (search report)
See references of WO 0078908A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0078908 A1 20001228; AR 024429 A1 20021002; AU 5625700 A 20010109; BR 0011836 A 20020305; BR 0011836 B1 20120612; CA 2375408 A1 20001228; CN 1181175 C 20041222; CN 1375001 A 20021016; EP 1187900 A1 20020320; JP 2003503545 A 20030128; MX PA02000060 A 20020702

DOCDB simple family (application)
US 0016916 W 20000620; AR P000103096 A 20000621; AU 5625700 A 20000620; BR 0011836 A 20000620; CA 2375408 A 20000620; CN 00811872 A 20000620; EP 00941565 A 20000620; JP 2001505653 A 20000620; MX PA02000060 A 20000620