

Title (en)

METHOD FOR THE PRODUCTION OF LIQUID CLEANING AGENT OR DETERGENT COMPOSITIONS

Title (de)

VERFAHREN ZUR HERSTELLUNG FLÜSSIGER REINIGUNGS- ODER WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)

PROCEDE DE FABRICATION DE COMPOSITIONS LIQUIDES DE NETTOYAGE OU DETERGENTES

Publication

**EP 1185609 B1 20040929 (DE)**

Application

**EP 00942070 A 20000614**

Priority

- DE 19926925 A 19990614
- EP 0005475 W 20000614

Abstract (en)

[origin: US2002077268A1] A method is provided for the production of liquid cleaning agent or detergent compositions which are ready to use and packaged. In rest (quiescent) condition the compositions exist separately in at least two aqueous phases. At least two separate preliminary mixtures are produced, exhibiting non phase separation in a temperature range of about 0° C.-40° C. The preliminary mixtures are mixed together only upon or directly before they are placed in the packaging container.

IPC 1-7

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

IPC 8 full level

**C11D 1/835** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **C11D 1/62** (2006.01); **C11D 1/72** (2006.01); **C11D 1/722** (2006.01)

CPC (source: EP US)

**C11D 1/835** (2013.01 - EP US); **C11D 11/0094** (2013.01 - EP US); **C11D 17/0017** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/722** (2013.01 - EP US)

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)

**US 2002077268 A1 20020620**; **US 6841528 B2 20050111**; AT E278005 T1 20041015; AU 2004201801 A1 20040527; AU 5682000 A 20010102; AU 771578 B2 20040325; BR 0011657 A 20020326; CA 2375469 A1 20001221; CA 2375469 C 20081202; CN 1203166 C 20050525; CN 1355838 A 20020626; DE 19926925 A1 20001221; DE 50008006 D1 20041104; EP 1185609 A1 20020313; EP 1185609 B1 20040929; ES 2225168 T3 20050316; MX PA01012861 A 20020902; PL 193106 B1 20070131; PL 352275 A1 20030811; WO 0077154 A1 20001221; ZA 200200219 B 20030625

DOCDB simple family (application)

**US 2295301 A 20011214**; AT 00942070 T 20000614; AU 2004201801 A 20040429; AU 5682000 A 20000614; BR 0011657 A 20000614; CA 2375469 A 20000614; CN 00808940 A 20000614; DE 19926925 A 19990614; DE 50008006 T 20000614; EP 0005475 W 20000614; EP 00942070 A 20000614; ES 00942070 T 20000614; MX PA01012861 A 20000614; PL 35227500 A 20000614; ZA 200200219 A 20020110