

Title (en)
LIQUID WASHING OR CLEANING PRODUCT WITH BLEACHING POWER

Title (de)
FLÜSSIGES MITTEL ZUM WASCHEN ODER REINIGEN MIT BLEICHE

Title (fr)
PRODUIT LIQUIDE DE LAVAGE OU DE NETTOYAGE A POUVOIR BLANCHISSANT

Publication
EP 0777722 A1 19970611 (DE)

Application
EP 95930440 A 19950807

Priority

- DE 4428958 A 19940816
- DE 4436151 A 19941011
- EP 9503124 W 19950807

Abstract (en)
[origin: WO9605284A1] Solid- and bleaching agent-containing washing or cleaning products are storage stable if they are not aqueous and contain from 20 to 78 % by weight non-ionic surfactants, 0.1 to 25 % by weight anionic surfactants, 1 to 20 % by weight water-soluble builder substances and 20 to 35 % by weight bleaching agents. The products may further contain enzymes and dirt-repelling polymers. These products are prepared by pre-mixing surfactants or partial amounts of surfactants and by crushing them so that the temperature of the mixture does not exceed 45 DEG C.

IPC 1-7
C11D 17/00; **C11D 3/39**

IPC 8 full level
C11D 1/83 (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 9/42** (2006.01); **C11D 10/04** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP KR US)
C11D 3/3947 (2013.01 - EP US); **C11D 17/00** (2013.01 - KR); **C11D 17/0004** (2013.01 - EP US)

Citation (search report)
See references of WO 9605284A1

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

DOCDB simple family (publication)
WO 9605284 A1 19960222; AT E177779 T1 19990415; CN 1113957 C 20030709; CN 1155298 A 19970723; DE 4436151 A1 19960502; DE 59505389 D1 19990422; EP 0777722 A1 19970611; EP 0777722 B1 19990317; ES 2130641 T3 19990701; JP H10504342 A 19980428; KR 100383832 B1 20030716; KR 970704869 A 19970906; US 5880083 A 19990309

DOCDB simple family (application)
EP 9503124 W 19950807; AT 95930440 T 19950807; CN 95194597 A 19950807; DE 4436151 A 19941011; DE 59505389 T 19950807; EP 95930440 A 19950807; ES 95930440 T 19950807; JP 50699296 A 19950807; KR 19970700888 A 19970211; US 77668297 A 19970214