

Title (en)

FABRIC SOFTENING LIQUID WASHING PRODUCT, SUBSTANTIALLY FREE OF BUILDERSALTS AND HAVING AN IMPROVED WASHING PERFORMANCE

Publication

EP 0288461 B1 19900523 (DE)

Application

EP 86906328 A 19861031

Priority

- EP 8600629 W 19861031
- DE 3516091 A 19850504

Abstract (en)

[origin: DE3516091A1] A liquid, easy-to-pour washing concentrate with fabric softening properties contains no builder salts and has the following components: (a) 5 to 12 % by weight of sodiumalkylbenzolsulfonate, (b) 7 to 15 % by weight of ethoxylated alcohols with 12 to 18 C atoms in the alcohol residue and 5 to 10 glycolether groups, (c) 16,1 to 22 % by weight of saturated fatty acids with 12 to 14 C atoms, as well as their mixtures with unsaturated fatty acids having 16 to 18 C atoms, present in the form of water-soluble soap, (d) 6 to 16 % by weight of a fatty acid diethanolamide derived from over 50 % simple unsaturated fatty acids having 16 to 18 C atoms, (e) 0,2 to 3 % by weight of a sequestering agent, (f) 6 to 16 % by weight of lower alcohols and 25 to 45 % by weight of water. The weight ratio of (a) : (b) : (c) : (d) is 1 : (1-2) : (2-3) : (1,5-2,5).

IPC 1-7

C11D 1/52; C11D 10/04; C11D 17/00

IPC 8 full level

C11D 1/52 (2006.01); **C11D 3/00** (2006.01); **C11D 10/04** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01); **C11D 1/14** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)

C11D 3/0015 (2013.01); **C11D 10/04** (2013.01); **C11D 1/14** (2013.01); **C11D 1/523** (2013.01); **C11D 1/72** (2013.01)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

DE 3516091 A1 19861106; AT E53066 T1 19900615; DE 3671471 D1 19900628; EP 0288461 A1 19881102; EP 0288461 B1 19900523; JP H01501154 A 19890420; WO 8803162 A1 19880505

DOCDB simple family (application)

DE 3516091 A 19850504; AT 86906328 T 19861031; DE 3671471 T 19861031; EP 8600629 W 19861031; EP 86906328 A 19861031; JP 50578786 A 19861031