

Title (en)

Low-concentrated highly viscous aqueous softener compositions

Title (de)

Niedrigkonzentrierte, hochviskose wässrige Weichspülmittel

Title (fr)

Compositions adoucissantes très visqueuses et faiblement concentrées

Publication

EP 1006176 B1 20041222 (DE)

Application

EP 99113291 A 19990709

Priority

DE 19855366 A 19981201

Abstract (en)

[origin: EP1006176A1] Highly viscous aqueous fabric softener of low concentration contains 3-10, preferably 4-5 wt. % partial ester (I) of N-methyl-N,N,N-triethanolammonium methosulfate with an unsaturated, 14-18 carbon (C) fatty acid, in which the ratio of hydroxyl (OH) groups to the acyl groups is 1:(1.6-2). Highly viscous aqueous fabric softener of low concentration contains 3-10, preferably 4-5 wt. % partial ester (I) of N-methyl-N,N,N-triethanolammonium methosulfate with an unsaturated, 14-18 carbon (C) fatty acid: R = the residue of a 14-18 C fatty acid with an iodine number of 15-25; a = 1, 2 or 3 in which the ratio of hydroxyl (OH) groups to the acyl groups R is 1:(1.6-2). An Independent claim is also included for the production of the formulation by adding (I) to warm water at 28-45 degrees C, optionally in conjunction with solvent, dye and perfume oil, and dispersing (I).

IPC 1-7

C11D 3/00; **C11D 1/62**

IPC 8 full level

C11D 1/62 (2006.01); **C11D 3/00** (2006.01)

CPC (source: EP US)

C11D 1/62 (2013.01 - EP US); **C11D 3/0015** (2013.01 - EP US)

Cited by

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EP 1006176 A1 20000607; **EP 1006176 B1 20041222**; CA 2288255 A1 20000601; CA 2288255 C 20070206; DE 19855366 A1 20000608; DE 59911323 D1 20050127; ES 2235404 T3 20050701; PL 336869 A1 20000605; US 6180594 B1 20010130

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