

Title (en)

QUATERNARY AMMONIUM COMPOUNDS, THEIR PREPARATION AND THEIR USE AS FABRIC SOFTENER

Publication

**EP 0022562 B1 19850619 (DE)**

Application

**EP 80103954 A 19800710**

Priority

DE 2928603 A 19790714

Abstract (en)

[origin: US4339391A] Quaternary ammonium compounds of the formula 1 <IMAGE> (1) in which R is C8-C30-alkyl or alkenyl; R1 is alkyl, 2-hydroxyalkyl or alkenyl each having from 8 to 30 carbon atoms; R2 is C1-C4-alkyl or benzyl; A is a group of the formulae <IMAGE> B is A or C1-C4-alkylene, X and Y are hydrogen or methyl with the proviso that X and Y are not simultaneously methyl; m is 1 or 2; n is a number of from 1 to 20; and A(-) is an anion; a process for the preparation thereof, and their use as fabric softeners.

IPC 1-7

**C07C 93/18**; **C07C 93/04**; **C11D 1/62**; **C11D 3/30**

IPC 8 full level

**C07C 213/06** (2006.01); **C07C 219/04** (2006.01); **C07C 219/06** (2006.01); **C07C 219/08** (2006.01); **C07C 219/20** (2006.01); **C11D 1/62** (2006.01); **C11D 3/00** (2006.01); **C11D 3/30** (2006.01); **D06M 13/02** (2006.01); **D06M 13/322** (2006.01); **D06M 13/463** (2006.01)

CPC (source: EP US)

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

Citation (examination)

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