

Title (en)

QUATERNARY AMMONIUM COMPOUNDS, THEIR PREPARATION AND USE AS TEXTILE-FINISHING AGENTS

Publication

**EP 0267551 A3 19890301 (DE)**

Application

**EP 87116397 A 19871106**

Priority

DE 3638918 A 19861114

Abstract (en)

[origin: US4923642A] Quaternary ammonium compounds containing one or two long-chain ester or amide radicals of etherified hydroxycarboxylic acids and, for the remainder, short-chain radicals, which are liquid to pasty substances that may readily be dissolved or dispersed in water or alcohol/water mixtures. They may be used in dilute or concentrated, storable form for softening fabrics without the absorbency of the treated fabrics being adversely affected. The quaternary ammonium compounds are obtained by reaction of epoxyfatty acid esters with amines and subsequent quaternization.

IPC 1-7

**C07C 93/187**; C07C 103/44; D06M 13/38; D06M 13/40

IPC 8 full level

**D06M 13/46** (2006.01); **C07C 219/06** (2006.01); **C11D 1/62** (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); **D06M 13/463** (2013.01 - EP US); **D06M 2200/50** (2013.01 - EP US)

Citation (search report)

[AD] DE 3402146 A1 19850725 - HENKEL KGAA [DE]

Cited by

EP0638639A1; US4913829A; US5919750A; EP0643128A1; US5476597A; US5580481A; WO9958492A1; WO9905247A1; WO2014060372A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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