

Title (en)

Diquaternary ammonium salts, their preparation and their use as textile finishing agents.

Title (de)

Diquaternäre Ammoniumsalze und deren Herstellung und Verwendung als Textilveredelungsmittel.

Title (fr)

Sels d'ammonium diquaternaire, leur préparation et leur utilisation comme agent de finition pour textiles.

Publication

EP 0221855 A2 19870513 (DE)

Application

EP 86810499 A 19861103

Priority

CH 480185 A 19851108

Abstract (en)

[origin: EP0221855B1] 1. A diquaternary ammonium salt of the formula see diagramm : EP0221855,P13,F3 in which A1 and A2 are each alkylene having 2 to 5 carbon atoms, Q1 and Q2 are each -NH- or -O-, R1 , R2 , R3 and R4 are each alkyl, hydroxyalkyl or alkoxyalkyl, each having 1 to 4 carbon atoms in each alkyl moiety, Y1 **n(cation) is the anion of a strong acid, Z1 is alkylene which has 3 to 24 carbon atoms, is substituted by hydroxyl and may be interrupted by oxygen atoms, and n is 1 or 2.

Abstract (de)

Neue, diquaternäre Ammoniumsalze, die aus Dialkylaminoalkylbehensäureamiden oder -estern und aliphatischen Epoxyverbindungen, insbesondere Diepoxyverbindungen oder Epihalogenhydrinen, hergestellt werden, eignen sich gut dazu, als Textilveredelungsmittel verwendet zu werden.

IPC 1-7

C07C 217/04; C07C 233/36; D06M 13/46

IPC 8 full level

D06M 13/46 (2006.01); **C07C 219/06** (2006.01); **C07C 233/36** (2006.01); **D06M 13/02** (2006.01); **D06M 13/322** (2006.01); **D06M 13/332** (2006.01); **D06M 13/405** (2006.01); **D06M 13/467** (2006.01)

CPC (source: EP US)

D06M 13/332 (2013.01 - EP US); **D06M 13/405** (2013.01 - EP US); **D06M 13/467** (2013.01 - EP US); **Y10T 442/277** (2015.04 - EP US)

Cited by

GB2310659A

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0221855 A2 19870513; EP 0221855 A3 19880511; EP 0221855 B1 19900711; DE 3672564 D1 19900816; JP S62174042 A 19870730; JP S6328417 B2 19880608; US 4906413 A 19900306; ZA 868483 B 19870624

DOCDB simple family (application)

EP 86810499 A 19861103; DE 3672564 T 19861103; JP 26491786 A 19861108; US 27037888 A 19881110; ZA 868483 A 19861107