

Title (en)

DIQUATERNARY AMMONIUM SALTS, THEIR PREPARATION AND THEIR USE AS TEXTILE FINISHING AGENTS

Publication

EP 0221855 B1 19900711 (DE)

Application

EP 86810499 A 19861103

Priority

CH 480185 A 19851108

Abstract (en)

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.

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

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Designated contracting state (EPC)

CH DE 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

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