

Title (en)

CONCENTRATED SOFTENING COMPOSITIONS BASED ON QUATERNY AMMONIUM-CONTAINING CATIONIC SURFACTANTS

Publication

**EP 0165138 A3 19870506 (FR)**

Application

**EP 85400960 A 19850515**

Priority

- FR 8407601 A 19840516
- FR 8503308 A 19850306

Abstract (en)

[origin: EP0165138A2] The compositions contain, by weight relative to the total weight of the composition, from 10 to 25% of at least one cationic surface-active agent of the quaternary ammonium type in combination with a viscosity-lowering organic salt, the viscosity of the said composition being lower than 300 millipascal-seconds. Application: softeners for textiles.

IPC 1-7

**C11D 1/62**; **C11D 3/20**; **C11D 1/835**

IPC 8 full level

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

CPC (source: EP)

**C11D 1/62** (2013.01); **C11D 3/0015** (2013.01)

Citation (search report)

- [X] FR 2318267 A1 19770211 - PROCTER & GAMBLE [US]
- [X] EP 0060003 A2 19820915 - PROCTER & GAMBLE [US], et al
- [X] US 3681241 A 19720801 - RUDY JEROME
- [X] FR 2303892 A1 19761008 - KAO CORP [JP]
- [A] DE 2822891 A1 19781207 - PROCTER & GAMBLE EUROP

Cited by

EP0648835A1; EP0354011A1; US5437801A; US5686376A; GB2313601A; US5767052A; EP0299176A3; GB2313602A; EP0413249A1; US5180508A; US5364542A; EP0296995A1; US7135451B2; WO9316157A1; WO8810294A1; US6939844B2; WO0159052A1; WO9804238A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

**EP 0165138 A2 19851218**; **EP 0165138 A3 19870506**; **EP 0165138 B1 19960807**; **EP 0165138 B2 20020828**; DE 3588115 D1 19960912; DE 3588115 T2 19970227; DE 3588115 T3 20030327; ES 543216 A0 19860601; ES 8608080 A1 19860601

DOCDB simple family (application)

**EP 85400960 A 19850515**; DE 3588115 T 19850515; ES 543216 A 19850516