

Title (en)
MEANS AND PROCESS FOR AFTER-TREATING WASHED LAUNDRY

Publication
EP 0184099 A3 19880525 (DE)

Application
EP 85114926 A 19851125

Priority
DE 3444068 A 19841203

Abstract (en)
[origin: ES8706811A1] Liquid aftertreatment preparations for laundry having fabric-softening, acidifying and antichlorinating properties which contain, in acidic aqueous solution, hydrogen peroxide or an organic percarboxylic acid, a quaternary ammonium compounds, and hexafluorosilicic acid and/or water-soluble salts thereof, more especially the magnesium salt, as an acidifying agent. Preparations containing magnesium salts of hexafluorosilicic acid are distinguished by particularly high stability of the per compounds.

IPC 1-7
C11D 3/39; **C11D 1/62**; **C11D 3/04**

IPC 8 full level
D06M 11/00 (2006.01); **C11D 1/62** (2006.01); **C11D 3/02** (2006.01); **C11D 3/04** (2006.01); **C11D 3/39** (2006.01); **D06M 11/50** (2006.01); **D06M 11/78** (2006.01); **D06M 13/02** (2006.01); **D06M 13/184** (2006.01); **D06M 13/196** (2006.01); **D06M 13/244** (2006.01); **D06M 13/282** (2006.01); **D06M 13/288** (2006.01); **D06M 13/322** (2006.01); **D06M 13/342** (2006.01); **D06M 13/345** (2006.01); **D06M 13/46** (2006.01); **D06M 13/463** (2006.01)

CPC (source: EP US)
C11D 1/62 (2013.01 - EP US); **C11D 3/042** (2013.01 - EP US); **C11D 3/046** (2013.01 - EP US); **C11D 3/3937** (2013.01 - EP US); **C11D 3/3947** (2013.01 - EP US)

Citation (search report)

- [YD] EP 0086423 A2 19830824 - HENKEL KGAA [DE]
- [Y] US 3329609 A 19670704 - BLOMFIELD RODNEY A
- [Y] US 4115281 A 19780919 - CIKO JOHN D, et al
- [A] DE 3142767 A1 19820708 - SAPIC [FR]

Cited by
WO9400548A1; EP0288812B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0184099 A2 19860611; **EP 0184099 A3 19880525**; **EP 0184099 B1 19910102**; AT E59677 T1 19910115; DE 3444068 A1 19860605; DE 3581068 D1 19910207; DK 551885 A 19860604; DK 551885 D0 19851128; ES 549515 A0 19870701; ES 8706811 A1 19870701; JP S61138770 A 19860626; US 4704212 A 19871103

DOCDB simple family (application)
EP 85114926 A 19851125; AT 85114926 T 19851125; DE 3444068 A 19841203; DE 3581068 T 19851125; DK 551885 A 19851128; ES 549515 A 19851203; JP 27318085 A 19851203; US 80336385 A 19851202