

Title (en)
Fabric softening compositions

Title (de)
Gewebeweichmacherzusammensetzungen

Title (fr)
Compositions adoucissantes pour matières textiles

Publication
EP 0839899 A1 19980506 (EN)

Application
EP 96870134 A 19961030

Priority
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Abstract (en)
There is provided a diluted composition comprising a cationic fabric softener, a fatty acid, and a specific nonionic alkoxyated compound, whereby the resulting composition exhibits a suitable viscosity stability under shear conditions.

IPC 1-7
C11D 3/00; **C11D 1/65**; **C11D 3/37**

IPC 8 full level
C11D 1/65 (2006.01); **C11D 3/00** (2006.01); **C11D 3/37** (2006.01); **C11D 1/04** (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP)
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Citation (applicant)

- EP 95870104 A 19950918
- EP 0040562 A2 19811125 - LESIEUR COTELLE [FR]
- EP 0239910 A2 19871007 - PROCTER & GAMBLE [US], et al
- US 4661267 A 19870428 - DEKKER BOB [BE], et al
- US 4711730 A 19871208 - GOSSELINK EUGENE P [US], et al
- US 4749596 A 19880607 - EVANS MARK D [US], et al
- US 4818569 A 19890404 - TRINH TOAN [US], et al
- US 4877896 A 19891031 - MALDONADO RENE [US], et al
- US 4956447 A 19900911 - GOSSELINK EUGENE P [US], et al
- US 4976879 A 19901211 - MALDONADO RENE [US], et al
- US 4327133 A 19820427 - RUDY JEROME, et al
- US 4421792 A 19831220 - RUDY JEROME [US], et al
- US 4426299 A 19840117 - VERBRUGGEN MARTIN W [BE]
- US 4460485 A 19840717 - RAPISARDA ANTHONY A [US], et al
- US 3644203 A 19720222 - LAMBERTI VINCENT, et al
- US 4661269 A 19870428 - TRINH TOAN [US], et al
- US 4439335 A 19840327 - BURNS MICHAEL E [US]
- US 3861870 A 19750121 - EDWARDS JAMES BYRD, et al
- US 4308151 A 19811229 - CAMBRE CUSHMAN M
- US 3886075 A 19750527 - BERNARDINO LOWELL WATSON
- US 4233164 A 19801111 - DAVIS JAMES E
- US 4401578 A 19830830 - VERBRUGGEN MARTIN W [BE]
- US 3974076 A 19760810 - WIERSEMA YPE, et al
- US 4237016 A 19801202 - RUDKIN ARTHUR L, et al
- EP 0472178 A1 19920226 - KAO CORP [JP]
- EP 0150531 A1 19850807 - PROCTER & GAMBLE [US], et al
- GB 2075028 A 19811111 - NOVO INDUSTRI AS
- GB 2095275 A 19820929 - KAO CORP
- DE 2247832 A1 19730405 - RIKAGAKU KENKYUSHO
- WO 9117243 A1 19911114 - NOVO NORDISK AS [DK]
- US 5139687 A 19920818 - BORCHER SR THOMAS A [US], et al
- US 5234610 A 19930810 - GARDLIK JOHN M [US], et al
- US 4145184 A 19790320 - BRAIN DEVIN K, et al
- US 4209417 A 19800624 - WHYTE DAVID D [US]
- US 4515705 A 19850507 - MOEDDEL ROBERT W [US]
- US 4152272 A 19790501 - YOUNG KENNETH [GB]

Citation (search report)

- [A] EP 0523956 A2 19930120 - UNILEVER PLC [GB], et al
- [A] EP 0643128 A1 19950315 - KAO CORP [JP]
- [A] WO 9420597 A1 19940915 - PROCTER & GAMBLE [US]
- [A] EP 0387064 A2 19900912 - UNILEVER PLC [GB], et al

Cited by
EP1127940A1; WO2017102307A1; WO2016209617A1; US10808206B2

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