

Title (en)  
Dispersible fabric softeners.

Title (de)  
Dispergierbare Wäscheweichmacher.

Title (fr)  
Adoucisseurs dispersables pour textiles.

Publication  
**EP 0168889 A2 19860122 (EN)**

Application  
**EP 85201127 A 19850709**

Priority  
GB 8418320 A 19840718

Abstract (en)  
Amines and phosphate esters are combined in substoichiometric amounts to provide water-insoluble, water-dispersible fiber and fabric softeners. The softeners are formulated in a variety of laundry and shampoo compositions.

IPC 1-7  
**C11D 3/36**; **C11D 1/34**; **C11D 3/30**; **C11D 1/40**; **C11D 3/12**

IPC 8 full level  
**D06M 13/02** (2006.01); **C11D 1/34** (2006.01); **C11D 1/40** (2006.01); **C11D 3/00** (2006.01); **C11D 3/30** (2006.01); **C11D 3/36** (2006.01); **D06M 13/224** (2006.01); **D06M 13/244** (2006.01); **D06M 13/282** (2006.01); **D06M 13/292** (2006.01); **D06M 13/322** (2006.01); **D06M 13/325** (2006.01); **D06M 13/328** (2006.01); **D06M 13/332** (2006.01); **D06M 13/463** (2006.01)

CPC (source: EP)  
**C11D 1/34** (2013.01); **C11D 1/40** (2013.01); **C11D 3/0015** (2013.01); **C11D 3/30** (2013.01); **C11D 3/36** (2013.01)

Cited by  
US5019292A; EP0242918A1; US5767052A; EP0203626A3; GB2172910B; US5686376A; EP0242919A1; US4758378A; EP0210704A3; EP0252551B1

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

DOCDB simple family (publication)  
**EP 0168889 A2 19860122**; **EP 0168889 A3 19860319**; **EP 0168889 B1 19881019**; AT E38054 T1 19881115; CA 1273157 A 19900828; DE 3565690 D1 19881124; ES 545318 A0 19860301; ES 545323 A0 19860401; ES 545324 A0 19860401; ES 8605025 A1 19860301; ES 8606480 A1 19860401; ES 8606481 A1 19860401; FI 852809 A0 19850717; FI 852809 L 19860119; GB 8418320 D0 19840822; GR 851734 B 19851126; IE 58103 B1 19930630; IE 851797 L 19860118; JP H0726322 B2 19950322; JP S6197472 A 19860515; MX 162708 A 19910617; PH 23443 A 19890807

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