

Title (en)  
LIQUID RINSE SOFTENER FOR TEXTILES

Publication  
**EP 0316795 A3 19900117 (DE)**

Application  
**EP 88118812 A 19881111**

Priority  
DE 3739143 A 19871119

Abstract (en)  
[origin: EP0316795A2] The softeners intended for treating textiles after laundering contain as active ingredient a combination of one or more sulphonic acids and/or phosphonic acids and amines and/or quaternary ammonium compounds with a long alkyl or alkenyl radical. This combination of active ingredients is readily available at low cost and confers a soft full handle on the treated textiles.

IPC 1-7  
**C11D 3/20; C11D 3/34; C11D 3/36; C11D 1/62**

IPC 8 full level  
**D06M 13/46** (2006.01); **C11D 3/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/244** (2006.01); **D06M 13/248** (2006.01); **D06M 13/256** (2006.01); **D06M 13/282** (2006.01); **D06M 13/288** (2006.01); **D06M 13/322** (2006.01); **D06M 13/325** (2006.01); **D06M 13/328** (2006.01); **D06M 13/463** (2006.01)

CPC (source: EP US)  
**C11D 3/0015** (2013.01 - EP US)

Citation (search report)  
• [X] EP 0121949 A1 19841017 - PROCTER & GAMBLE [US]  
• [X] EP 0082457 A2 19830629 - HOECHST AG [DE]  
• [X] EP 0015347 A1 19800917 - DOMTAR INC [CA]

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

DOCDB simple family (publication)  
**EP 0316795 A2 19890524; EP 0316795 A3 19900117; DE 3739143 A1 19890601; JP H01162873 A 19890627; US 4913829 A 19900403**

DOCDB simple family (application)  
**EP 88118812 A 19881111; DE 3739143 A 19871119; JP 29344188 A 19881119; US 27217188 A 19881116**