

Title (en)

Liquid cleaning and softening compositions.

Title (de)

Flüssige Reinigungs- und Weichmacher-Zusammensetzungen.

Title (fr)

Compositions liquides de nettoyage et d'adoucissement.

Publication

EP 0206375 A1 19861230 (EN)

Application

EP 86200859 A 19860520

Priority

- GB 8513421 A 19850528
- GB 8514583 A 19850610

Abstract (en)

Aqueous liquid detergent composition for simultaneous cleaning and softening of fabrics comprising a binary active suspending system, a long-chain fatty amine as softening agent and from 1 to 10% of a hydrotrope, the pH of the composition being below the isoelectric point of the amine component. A stable suspending composition is achieved delivering good cleaning and softening performance.

IPC 1-7

C11D 3/00; C11D 3/30; C11D 1/40; C11D 1/83

IPC 8 full level

C11D 1/40 (2006.01); **C11D 1/83** (2006.01); **C11D 3/00** (2006.01); **C11D 10/04** (2006.01); **C11D 1/02** (2006.01); **C11D 1/22** (2006.01); **C11D 1/38** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)

C11D 1/40 (2013.01); **C11D 1/83** (2013.01); **C11D 3/0015** (2013.01); **C11D 10/04** (2013.01); **C11D 1/02** (2013.01); **C11D 1/22** (2013.01); **C11D 1/38** (2013.01); **C11D 1/52** (2013.01); **C11D 1/66** (2013.01); **C11D 1/72** (2013.01)

Citation (search report)

- [A] EP 0011340 B1 19821124
- [A] DE 2836277 A1 19790301 - UNILEVER NV
- [A] EP 0120528 A1 19841003 - UNILEVER NV [NL], et al

Cited by

US4842771A; EP0409503A3; EP0417987A3; EP1081269A4; GB2222609A; EP0276501A3; US4853146A; EP0309264A3; US4970028A; AU616204B2; US6541444B1; US7351685B2; WO2006041704A1; WO02092742A1; WO9405754A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0206375 A1 19861230; **EP 0206375 B1 19881221**; AU 5797286 A 19861204; AU 579732 B2 19881208; DE 3661481 D1 19890126

DOCDB simple family (application)

EP 86200859 A 19860520; AU 5797286 A 19860527; DE 3661481 T 19860520