

Title (en)
Fabric softener concentrate.

Title (de)
Wäscheweichspülmittelkonzentrat.

Title (fr)
Concentré assouplissant pour tissus.

Publication
EP 0043547 A1 19820113 (DE)

Application
EP 81105085 A 19810701

Priority
DE 3025369 A 19800704

Abstract (en)
[origin: US4351737A] Fabric softener concentrates, which contain of from (a) about 30 to 70 weight % of a cationic softener, (b) about 5 to 50 weight % of a non-ionic softener, (c) about 5 to 20 weight % of a non-ionic dispersing agent, (d) about 5 to 30 weight % of a C1-C3-alkanol, (e) about 5 to 30 weight % of a liquid glycol, polyglycol or an alkyl ether thereof, and (f) water and optionally perfume and dyestuffs, in quantities representing the remainder to 100 weight %.

Abstract (de)
Wäscheweichspülmittelkonzentrate bestehend aus a) 30 bis 70 Gew.-% eines kationischen Weichmachers, b) 5 bis 50 Gew.-% eines nichtionischen Weichmachers, c) 5 bis 20 Gew.-% eines nichtionischen Dispergiermittels, d) 5 bis 30 Gew.-% eines C1-C3-Alkanols, e) 5 bis 30 Gew.-% eines flüssigen Glykols, Polyglykols oder deren Alkyläther und f) Wasser und gegebenenfalls Parfüm und Farbstoffen in Mengen entsprechend dem Ausgleich zu 100 Gew.-%.

IPC 1-7
C11D 1/835; C11D 3/00

IPC 8 full level
C11D 1/38 (2006.01); **C11D 1/835** (2006.01); **C11D 3/00** (2006.01); **D06M 13/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/148** (2006.01); **D06M 13/322** (2006.01); **D06M 13/402** (2006.01); **D06M 13/46** (2006.01); **D06M 13/463** (2006.01); **D06M 13/47** (2006.01); **D06M 13/473** (2006.01); **D06M 13/477** (2006.01); **C11D 1/52** (2006.01); **C11D 1/62** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)
C11D 1/835 (2013.01 - EP US); **C11D 3/0015** (2013.01 - EP US); **D06M 13/005** (2013.01 - EP US); **C11D 1/523** (2013.01 - EP US); **C11D 1/526** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Citation (search report)
• DE 2911198 A1 19800925 - DALLI WERKE MAEURER & WIRTZ
• DE 2459354 A1 19760624 - HOECHST AG [DE]
• FR 2295122 A1 19760716 - HOECHST AG [DE]
• US 4233164 A 19801111 - DAVIS JAMES E
• EP 0021476 A1 19810107 - PROCTER & GAMBLE [US]

Cited by
EP0159919A3; EP0275987A3; EP0082457A3; FR2528864A1; US4497716A; FR2540901A1; GB2368592A; GB2368592B; GB2336372A; US6017869A; GB2336372B; GB2168392A; FR2574437A1; GB2168392B; DE102008053883A1; US7807616B2; WO9909122A1; US7928262B2; US8030515B2

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

DOCDB simple family (publication)
EP 0043547 A1 19820113; EP 0043547 B1 19840314; AT E6667 T1 19840315; AU 7252481 A 19820107; BR 8104269 A 19820323; CA 1179806 A 19841227; DE 3025369 A1 19820128; DE 3162651 D1 19840419; JP S5755999 A 19820403; US 4351737 A 19820928

DOCDB simple family (application)
EP 81105085 A 19810701; AT 81105085 T 19810701; AU 7252481 A 19810703; BR 8104269 A 19810703; CA 381087 A 19810703; DE 3025369 A 19800704; DE 3162651 T 19810701; JP 10347081 A 19810703; US 27790981 A 19810626