

Title (en)
MACHINE DISHWASHER RINSING AGENT

Title (de)
MASCHINELLES GESCHIRRSPÜLMITTEL

Title (fr)
PRODUIT DE NETTOYAGE POUR LAVE-VAISSELLE

Publication
EP 1299513 B1 20051026 (DE)

Application
EP 01967102 A 20010628

Priority
• DE 10032612 A 20000707
• DE 10050622 A 20001012
• EP 0107383 W 20010628

Abstract (en)
[origin: US2003158064A1] The application of co-polymers of i) unsaturated carboxylic acids, ii) monomers containing a sulphonic acid group and iii) optionally further ionic or non-ionic monomers in cleaning agents for machine dishwashing, in combination with builders and non-ionic detergents and/or homo- and/or co-polymers of acrylic acid and/or methacrylic acid, or the salts thereof gives rise to advantageous effects, even when the co-polymer is used in the main cleaning cycle.

IPC 1-7
C11D 3/37; **C11D 1/66**

IPC 8 full level
C11D 3/20 (2006.01); **C11D 3/34** (2006.01); **C11D 3/37** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)
C11D 3/3757 (2013.01 - EP US); **C11D 3/378** (2013.01 - EP US); **C11D 17/0078** (2013.01 - EP US); **C11D 2111/14** (2024.01 - EP US)

Cited by
EP2196531A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2003158064 A1 20030821; **US 6962898 B2 20051108**; AT E307870 T1 20051115; AU 8756601 A 20020121; DE 10050622 A1 20020502; DE 50107845 D1 20051201; EP 1299513 A1 20030409; EP 1299513 B1 20051026; ES 2251507 T3 20060501; WO 0204583 A1 20020117

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