

Title (en)
PHOSPHATE-FREE DETERGENTS

Publication
EP 0353973 A3 19901017 (EN)

Application
EP 89307758 A 19890731

Priority
GB 8818215 A 19880730

Abstract (en)
[origin: EP0353973A2] Phosphate-free detergents, particularly for laboratory cleaning, based on sodium salts of methylene-phosphonic acids as sequestrants, preferred active ingredients being pentasodium salt of ethylenediaminetetra (methylenephosphonic) acid and/or heptasodium salt of diethylenetriaminepenta(methylenephosphonic) acid.

IPC 1-7
C11D 3/36; C11D 3/43

IPC 8 full level
C11D 3/36 (2006.01)

CPC (source: EP)
C11D 3/361 (2013.01); **C11D 3/364** (2013.01)

Citation (search report)

- [X] DE 2015022 A1 19711028
- [X] GB 1287887 A 19720906
- [X] GB 1057089 A 19670201 - HENKEL & CIE GMBH
- [X] EP 0192630 A2 19860827 - MONSANTO EUROPE SA [BE]
- [X] EP 0040038 A2 19811118 - PROCTER & GAMBLE [US], et al
- [X] EP 0001853 A1 19790516 - PROCTER & GAMBLE [US]
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- [X] US 3551339 A 19701229 - QUIMBY OSCAR T
- [X] GB 1056177 A 19670125 - MONSANTO CO

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

DOCDB simple family (publication)
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