

Title (en)
Detergent composition

Title (de)
Wasch- und Reinigungsmittel

Title (fr)
Composition détergente

Publication
EP 1103594 A3 20031015 (DE)

Application
EP 00125074 A 20001117

Priority
DE 19957038 A 19991126

Abstract (en)
[origin: EP1103594A2] Detergent contains an alkalization agent (partially) coated with a material or compounded such that after t1+1-25 min. at most 10% and after t1+3-30 min. at least 90% is released

IPC 1-7
C11D 17/00; C11D 17/06; C11D 3/06; C11D 3/10; C11D 3/08; C11D 3/39; C11D 3/12; C11D 3/20; C11D 3/02

IPC 8 full level
C11D 3/02 (2006.01); **C11D 3/06** (2006.01); **C11D 3/10** (2006.01); **C11D 3/12** (2006.01); **C11D 3/39** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 3/044 (2013.01); **C11D 3/06** (2013.01); **C11D 3/10** (2013.01); **C11D 3/1246** (2013.01); **C11D 3/3942** (2013.01); **C11D 17/0039** (2013.01)

Citation (search report)

- [X] DE 4128826 A1 19930304 - HENKEL KGAA [DE]
- [X] US 4347152 A 19820831 - WIXON HAROLD E
- [X] US 4210550 A 19800701 - CORNELISSENS EMERY G PH [NL]
- [X] US 5453216 A 19950926 - KELLETT GEORGE W [US]
- [X] GB 989683 A 19650422 - COLGATE PALMOLIVE CO
- [X] US 3819526 A 19740625 - PIERCE R, et al
- [X] US 5759988 A 19980602 - HEILE BERNARD JOSEPH [US], et al
- [X] BE 772484 A 19720117 - LION FAT OIL CO LTD
- [X] DE 4439069 A1 19960509 - DEGUSSA [DE]
- [XD] DE 19704634 A1 19980827 - HENKEL KGAA [DE]
- [X] EP 0451893 A1 19911016 - UNILEVER NV [NL], et al
- [AD] EP 0396287 A2 19901107 - CLOROX CO [US]

Cited by
US8999911B2

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

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