

Title (en)
HEAVY DUTY WASHING PROCESS

Publication
EP 0402981 A3 19911023 (EN)

Application
EP 90201428 A 19900605

Priority
GB 8913881 A 19890616

Abstract (en)
[origin: EP0402981A2] A heavy duty process for laundering greasy stains from a fabric which comprises treating the fabric with an aqueous detergent composition comprising (a) 0.5 - 5 % by weight of a nonionic surfactant and (b) 1 - 10 % by weight of an apolar solvent in a ratio from less than 1 : 1 to 1 : 10. Preferably, the hot wash liquor is treated in a filtering step using microfilters to separate the organic solvent phase from the aqueous phase, which is then recycled.

IPC 1-7
C11D 1/72; **C11D 3/43**; **C11D 3/18**

IPC 8 full level
C11D 1/72 (2006.01); **C11D 3/18** (2006.01); **C11D 3/43** (2006.01); **D06F 43/08** (2006.01)

CPC (source: EP)
C11D 1/72 (2013.01); **C11D 3/18** (2013.01); **C11D 3/43** (2013.01); **D06F 43/085** (2013.01)

Citation (search report)

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- [X] EP 0281881 A2 19880914 - HENKEL KGAA [DE]
- [XP] EP 0335471 A2 19891004 - COLGATE PALMOLIVE CO [US]
- [AD] GB 1518676 A 19780719 - PROCTER & GAMBLE LTD
- [A] EP 0312347 A1 19890419 - SEPARATION DYNAMICS INC [US]

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

DOCDB simple family (publication)
EP 0402981 A2 19901219; **EP 0402981 A3 19911023**; AU 5709390 A 19901220; AU 627890 B2 19920903; CA 2018738 A1 19901216; FI 903011 A0 19900615; GB 8913881 D0 19890802; NZ 234033 A 19920925; ZA 904668 B 19920226

DOCDB simple family (application)
EP 90201428 A 19900605; AU 5709390 A 19900614; CA 2018738 A 19900611; FI 903011 A 19900615; GB 8913881 A 19890616; NZ 23403390 A 19900612; ZA 904668 A 19900615