

Title (en)

Heavy duty washing process.

Title (de)

Verfahren zum Waschen mit einem Vollwaschmittel.

Title (fr)

Procédé pour le lavage avec une composition détergente universelle.

Publication

**EP 0402981 A2 19901219 (EN)**

Application

**EP 90201428 A 19900605**

Priority

GB 8913881 A 19890616

Abstract (en)

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

**B01D 61/14**; **C11D 1/72**; **C11D 3/18**; **C11D 3/43**

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)

Cited by

EP0535689A3; US5522940A; US5531939A; US5575864A; US5837065A; US6004466A; US6013185A; AU743433B2; WO9630583A1; WO0194510A1; WO9915464A1; WO9401614A3

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