

Title (en)
Process for the preliminary treatment of dirty textiles.

Title (de)
Verfahren zur Vorbehandlung verschmutzter Textilien.

Title (fr)
Procédé pour le prétraitement de textiles encrassés.

Publication
EP 0244796 A1 19871111 (DE)

Application
EP 87106422 A 19870504

Priority
DE 3615544 A 19860509

Abstract (en)
[origin: EP0244796B1] 1. A process for the pretreatment of soiled fabrics with a paste-form preparation containing nonionic and cationic compounds, characterized in that a paste containing a mixture of at least one nonionic surfactant, at least one nitrogen-containing compound from the group comprising a quaternary ammonium compound containing a long-chain C10 -C20 alkyl or alkenyl radical and for the rest, C1 -C4 alkyl radicals and/or an adduct of from 1 to 6 moles ethylene oxide with 1 mole of a primary fatty amine containing a long-chain C10 -C16 alkyl or alkenyl radical and/or a compound corresponding to the formula R-NH-CH₂-CH₂-COONa, where R is an alkyl or alkenyl radical containing from 10 to 18 carbon atoms, more especially 14 carbon atoms, a polyhydric alcohol as antigel agent and viscosity regulators in such a quantity that it has a viscosity of from 1000 to 100 000 mPas at a shear rate of from 5 to 500 s⁻¹ is applied to the fabrics and the fabrics are subsequently washed in a wash liquor.

Abstract (de)
Stark verschmutzte Textilien werden vor der eigentlichen Wäsche vorbehandelt, indem man eine Paste, enthaltend ein Gemisch aus einem nichtionischen Tensid, wenigstens einer stickstoffhaltigen Verbindung vom Typ bestimmter quartärer Ammoniumverbindungen, Fettaminethoxylate und substituierter Aminocarbonsäuren sowie Antigelmittel und Viskositätsregulatoren, auf die Textilien aufträgt und die Textilien anschließend einer Wäsche in einer Waschlauge unterzieht. Nach einer bevorzugten Verfahrensform verwendet man zum Auftragen der Paste ein insbesondere mit Borsten besetztes verteilendes Hilfsmittel.

IPC 1-7
C11D 1/835; C11D 17/04

IPC 8 full level
D06L 1/00 (2006.01); **C11D 1/10** (2006.01); **C11D 1/62** (2006.01); **C11D 1/65** (2006.01); **C11D 1/83** (2006.01); **C11D 1/835** (2006.01); **C11D 3/20** (2006.01); **C11D 17/00** (2006.01); **C11D 17/04** (2006.01); **D06L 1/16** (2006.01); **C11D 1/44** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)
C11D 1/10 (2013.01 - EP US); **C11D 1/83** (2013.01 - EP US); **C11D 3/2065** (2013.01 - EP US); **C11D 1/44** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 3/2044** (2013.01 - EP US)

Citation (search report)
• [Y] EP 0160254 A2 19851106 - HENKEL KGAA [DE]
• [YD] DE 3415880 A1 19851031 - HENKEL KGAA [DE]
• [A] EP 0164703 A2 19851218 - HENKEL KGAA [DE]

Cited by
EP0288858A1; EP0327684A3; US4963158A; WO9216608A1; EP2723214B1

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

DOCDB simple family (publication)
EP 0244796 A1 19871111; EP 0244796 B1 19891011; AT E47151 T1 19891015; DE 3615544 A1 19871112; DE 3760740 D1 19891116; DK 236087 A 19871110; DK 236087 D0 19870508; ES 2011036 B3 19891216; JP S62268871 A 19871121; US 4931063 A 19900605

DOCDB simple family (application)
EP 87106422 A 19870504; AT 87106422 T 19870504; DE 3615544 A 19860509; DE 3760740 T 19870504; DK 236087 A 19870508; ES 87106422 T 19870504; JP 11339687 A 19870509; US 32875189 A 19890323