

Title (en)
CLEANING AGENT

Publication
EP 0256354 B1 19910911 (DE)

Application
EP 87110749 A 19870724

Priority
DE 3626224 A 19860802

Abstract (en)
[origin: US4877556A] A cleaning preparation containing from 2 to 40% by weight ethoxylated fatty alcohol and/or oxoalcohol and from 10 to 90% by weight of a fatty acid ester. In addition, the cleaning preparation may contain water, a monohydric alcohol and liquid hydrocarbons. The cleaning preparation is used for the pretreatment of heavily soiled fabrics before washing.

IPC 1-7
B01F 17/38; C11D 1/66; C11D 1/825; C11D 3/20; C11D 3/43; D06L 1/04

IPC 8 full level
C11D 10/02 (2006.01); **C09K 23/34** (2022.01); **C09K 23/38** (2022.01); **C09K 23/42** (2022.01); **C11D 1/66** (2006.01); **C11D 1/825** (2006.01); **C11D 3/20** (2006.01); **C11D 3/43** (2006.01); **C11D 17/00** (2006.01); **D06L 1/04** (2006.01); **C11D 1/44** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)
C11D 1/825 (2013.01 - EP US); **C11D 3/2093** (2013.01 - EP US); **C11D 1/44** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Cited by
WO2016202572A1; GB2353288A; AU638069B2; TR25424A; EP0559777A4; CN107787356A; WO2017198419A1; WO9105906A1; WO03066797A1; WO9100331A1; WO9410274A1; WO9105905A1

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

DOCDB simple family (publication)
EP 0256354 A1 19880224; EP 0256354 B1 19910911; AT E67241 T1 19910915; DE 3626224 A1 19880204; DE 3772899 D1 19911017; ES 2024460 B3 19920301; JP S6341599 A 19880222; US 4877556 A 19891031

DOCDB simple family (application)
EP 87110749 A 19870724; AT 87110749 T 19870724; DE 3626224 A 19860802; DE 3772899 T 19870724; ES 87110749 T 19870724; JP 19429087 A 19870803; US 27463488 A 19881115