

Title (en)

Laundry prespotting agent for oil and fatty greases.

Title (de)

Waschevorbehandlungsmittel für Öl- und Fettansammlungen.

Title (fr)

Agent de lavage prétraitant pour des taches huileuses et graisseuses.

Publication

**EP 0288858 A1 19881102 (DE)**

Application

**EP 88106135 A 19880418**

Priority

DE 3713962 A 19870425

Abstract (en)

[origin: US4861516A] A laundry pretreatment composition comprising an invertmicellar ternary mixed phase containing from 5 to 15% by weight of at least one anionic surfactant or from 25 to 45% by weight of at least one nonionic surfactant, and from 50 to 55% by weight of at least one cosurfactant in the presence of an anionic surfactant or from 35 to 50% by weight of at least one cosurfactant in the absence of anionic surfactant, and from 45 to 30% by weight of water in the presence of anionic surfactant and from 40 to 5% by weight of water in the absence of anionic surfactant.

Abstract (de)

Das Waschevorbehandlungsmittel besteht aus einer invertmicellaren ternären Mischphase, die 5 bis 15 Gew.-% wenigstens eines anionischen Tensides oder 25 bis 45 Gew.-% wenigstens eines nichtionischen Tensides und 50 bis 55 Gew.-% wenigstens eines Cotensides in Gegenwart von anionischen Tensiden und 35 bis 50 Gew.-% wenigstens eines Cotensides in Abwesenheit von anionischen Tensiden und 45 bis 30 Gew.-% Wasser in Gegenwart von anionischen Tensiden und 40 bis 5 Gew.-% Wasser in Abwesenheit von anionischen Tensiden enthält.

IPC 1-7

**C11D 1/68; C11D 1/72; C11D 1/83; C11D 17/00**

IPC 8 full level

**C11D 1/14** (2006.01); **C11D 1/72** (2006.01); **C11D 1/83** (2006.01); **C11D 3/20** (2006.01); **C11D 10/02** (2006.01); **C11D 17/00** (2006.01); **D06L 1/12** (2006.01)

CPC (source: EP US)

**C11D 1/146** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/83** (2013.01 - EP US); **C11D 3/201** (2013.01 - EP US); **C11D 17/0021** (2013.01 - EP US); **C11D 17/0026** (2013.01 - EP US)

Citation (search report)

- [A] EP 0137474 A2 19850417 - JOHNSON & SON INC S C [US]
- [AP] EP 0244796 A1 19871111 - HENKEL KGAA [DE]
- [A] EP 0216355 A2 19870401 - JOHNSON & SON INC S C [US]
- [A] EP 0200953 A2 19861112 - HENKEL KGAA [DE]
- [A] GB 1491603 A 19771109 - PROCTER & GAMBLE
- [A] DE 1792066 A1 19711014 - HENKEL & CIE GMBH
- [A] EP 0050887 A1 19820505 - UNILEVER NV [NL], et al

Cited by

EP0428816A1; EP0387063A3; EP0598335A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0288858 A1 19881102**; DE 3713962 A1 19881110; JP S63280800 A 19881117; US 4861516 A 19890829

DOCDB simple family (application)

**EP 88106135 A 19880418**; DE 3713962 A 19870425; JP 10375388 A 19880425; US 18473688 A 19880422