

Title (en)
Hydrophobic and oleophobic finishes.

Title (de)
Hydrophobe und oleophobe Ausrüstungen.

Title (fr)
Finissages hydrophobiques et oléophobiques.

Publication
EP 0249126 A2 19871216 (DE)

Application
EP 87107948 A 19870602

Priority
DE 3620033 A 19860613

Abstract (en)
[origin: US4833188A] Waterproofing and oil-proofing agents contain A. compounds containing a perfluoroalkyl group, and B. quaternization products of basic fatty acid amides.

Abstract (de)
Hydrophobierungs- und Oleophobierungsmittel enthaltend A. eine Perfluoralkylgruppe enthaltende Verbindung und B. Quaternierungsprodukte basischer Fettsäureamide.

IPC 1-7
D06M 13/40; **D06M 13/46**; **D06M 15/277**

IPC 8 full level
C08L 33/14 (2006.01); **C08K 5/19** (2006.01); **C08L 33/04** (2006.01); **C09K 3/18** (2006.01); **D06M 13/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/244** (2006.01); **D06M 13/248** (2006.01); **D06M 13/265** (2006.01); **D06M 13/322** (2006.01); **D06M 13/402** (2006.01); **D06M 13/46** (2006.01); **D06M 13/463** (2006.01); **D06M 13/467** (2006.01); **D06M 15/277** (2006.01)

CPC (source: EP US)
D06M 13/402 (2013.01 - EP US); **D06M 13/463** (2013.01 - EP US); **D06M 15/277** (2013.01 - EP US); **D06M 2101/06** (2013.01 - EP US); **D06M 2101/08** (2013.01 - EP US); **D06M 2101/12** (2013.01 - EP US); **D06M 2101/28** (2013.01 - EP US); **D06M 2101/32** (2013.01 - EP US); **D06M 2101/34** (2013.01 - EP US); **D06M 2200/11** (2013.01 - EP US); **D06M 2200/12** (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 0249126 A2 19871216; **EP 0249126 A3 19900704**; **EP 0249126 B1 19920115**; AT E71676 T1 19920215; CA 1339998 C 19980818; DE 3620033 A1 19871217; DE 3775995 D1 19920227; DK 171182 B1 19960715; DK 300587 A 19871214; DK 300587 D0 19870612; ES 2044866 T3 19940116; FI 872607 A0 19870611; FI 872607 A 19871214; FI 90791 B 19931215; FI 90791 C 19940325; JP H0674410 B2 19940921; JP S633084 A 19880108; PT 85003 A 19870701; PT 85003 B 19900308; US 4833188 A 19890523

DOCDB simple family (application)
EP 87107948 A 19870602; AT 87107948 T 19870602; CA 539390 A 19870611; DE 3620033 A 19860613; DE 3775995 T 19870602; DK 300587 A 19870612; ES 87107948 T 19870602; FI 872607 A 19870611; JP 14342087 A 19870610; PT 8500387 A 19870603; US 5740587 A 19870602