

Title (en)

Water and oil repellant composition.

Title (de)

Wasser- und Ölabweisende Zusammensetzung.

Title (fr)

Composition hydro- et oléophobante.

Publication

EP 0429983 B1 19940504 (DE)

Application

EP 90121949 A 19901116

Priority

DE 3939341 A 19891129

Abstract (en)

[origin: EP0429983A2] Repellency effects of high quality and permanence are obtained on a wide range of textile materials on treating them with combinations of A) a perfluoroalkyl-containing polymer and B) a cationically modified polyurethane. <??>The novel compositions are also notable for a comparatively small proportion of costly fluorine compounds.

IPC 1-7

D06M 15/277; **D06M 15/564**

IPC 8 full level

C08L 27/12 (2006.01); **C08L 29/10** (2006.01); **C08L 33/14** (2006.01); **C08L 75/00** (2006.01); **C08L 75/04** (2006.01); **C08L 87/00** (2006.01); **D06M 15/277** (2006.01); **D06M 15/564** (2006.01)

CPC (source: EP US)

D06M 15/277 (2013.01 - EP US); **D06M 15/564** (2013.01 - EP US); **Y10T 442/2172** (2015.04 - EP US)

Cited by

EP0490150A3; DE10325094A1; DE10325094B4; EP0572269A1; US5346949A; US7354458B2; US6309752B1; WO9217636A1; WO03078725A1; WO2004106623A1; US8231802B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0429983 A2 19910605; **EP 0429983 A3 19911023**; **EP 0429983 B1 19940504**; DE 3939341 A1 19910606; DE 59005615 D1 19940609; JP H03172337 A 19910725; US 5164252 A 19921117

DOCDB simple family (application)

EP 90121949 A 19901116; DE 3939341 A 19891129; DE 59005615 T 19901116; JP 32138390 A 19901127; US 61655490 A 19901121