

Title (en)

STAIN RESISTANT COMPOSITION CONTAINING SULPHONATED SURFACTANT

Title (de)

FLECKABWEISENDE ZUSAMMENSETZUNGEN ENTHALTEND EIN SULFONIERTES OBERFLÄCHENAKTIVES MITTEL

Title (fr)

COMPOSITION RESISTANT AUX TACHES CONTENANT UN TENSIOACTIF SULFONE

Publication

EP 0797699 A1 19971001 (EN)

Application

EP 95940061 A 19951117

Priority

- AU PN008894 A 19941215
- US 9515112 W 19951117

Abstract (en)

[origin: WO9618765A1] A direct application process by spray, pad, foam, flood or roller coating of a chemical composition of Novolak resin, polymethacrylic acid, sulphated or sulphonated surfactants and a fluorochemical to provide stain resistance/release to fibrous material, particularly nylon and wool carpets. The finish offers desirable oil, water and dry soil repellency and acid dye stain release without adverse effect on texture (handle) and pile opening. The invention relates to the use of diethanolamine lauryl sulfate as a foaming surfactant that also has stain release property against artificial coloring material commonly found in food and beverages.

IPC 1-7

D06M 15/41; **D06M 15/263**; **D06M 13/256**; **D06M 13/262**

IPC 8 full level

C09D 133/00 (2006.01); **C09D 161/14** (2006.01); **C14C 9/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/256** (2006.01); **D06M 13/262** (2006.01); **D06M 13/322** (2006.01); **D06M 13/325** (2006.01); **D06M 13/428** (2006.01); **D06M 15/263** (2006.01); **D06M 15/277** (2006.01); **D06M 15/41** (2006.01); **D06M 15/429** (2006.01); **D06M 15/576** (2006.01)

CPC (source: EP)

C14C 9/00 (2013.01); **D06M 13/256** (2013.01); **D06M 13/262** (2013.01); **D06M 13/428** (2013.01); **D06M 15/263** (2013.01); **D06M 15/277** (2013.01); **D06M 15/412** (2013.01); **D06M 15/576** (2013.01); **D06M 2101/12** (2013.01); **D06M 2101/34** (2013.01); **D06M 2200/11** (2013.01); **D06M 2200/12** (2013.01)

Citation (search report)

See references of WO 9618765A1

Cited by

US6197378B1; WO2011008509A2; US8357621B2; WO2011008508A2; US7901589B2

Designated contracting state (EPC)

BE DE DK FR GB NL

DOCDB simple family (publication)

WO 9618765 A1 19960620; AU 4031595 A 19960620; AU 708303 B2 19990729; AU PN008894 A0 19950119; CA 2205357 A1 19960620; DE 69507719 D1 19990318; DE 69507719 T2 19990902; EP 0797699 A1 19971001; EP 0797699 B1 19990203; JP H10511434 A 19981104; NZ 296923 A 19980126

DOCDB simple family (application)

US 9515112 W 19951117; AU 4031595 A 19951208; AU PN008894 A 19941215; CA 2205357 A 19951117; DE 69507719 T 19951117; EP 95940061 A 19951117; JP 51889096 A 19951117; NZ 29692395 A 19951117