

Title (en)

METHOD FOR PROVIDING TEXTILE MATERIAL WITH UV PROTECTION

Title (de)

VERFAHREN ZUR UV-SCHUTZAUSRÜSTUNG VON TEXTILEM MATERIAL

Title (fr)

PROCEDE POUR DOTER UNE MATIERE TEXTILE D'UNE PROTECTION UV

Publication

EP 1383952 A2 20040128 (DE)

Application

EP 02704685 A 20020205

Priority

- DE 10105143 A 20010206
- EP 0201179 W 20020205

Abstract (en)

[origin: DE10105143A1] The invention relates to a method for providing textile material with UV protection, whereby (a) zinc oxide and/or titanium oxide are applied to the textile material as constituent A, and (b) at least one organic UV absorber is applied to the textile material as constituent B. Constituent B preferably contains at least one compound from the group consisting of phenylbenzotriazoles, dibenzoylmethanes, p-aminobenzoic acid esters, cinnamic acid esters, salicylic acid esters, nitrogen-free 2-hydroxybenzophenones, phenylbenzimidazoles, acrylates, diarylbutadienes, amino-substituted hydroxybenzophenones, and triazines.

IPC 1-7

D06M 11/44; D06M 11/46; D06M 13/224; D06M 13/35; D06M 13/12

IPC 8 full level

C11D 3/40 (2006.01); **C11D 1/62** (2006.01); **C11D 3/00** (2006.01); **C11D 3/12** (2006.01); **C11D 3/42** (2006.01); **D06M 11/44** (2006.01); **D06M 11/46** (2006.01); **D06M 13/03** (2006.01); **D06M 13/07** (2006.01); **D06M 13/12** (2006.01); **D06M 13/152** (2006.01); **D06M 13/184** (2006.01); **D06M 13/203** (2006.01); **D06M 13/224** (2006.01); **D06M 13/335** (2006.01); **D06M 13/342** (2006.01); **D06M 13/35** (2006.01); **D06M 13/352** (2006.01); **D06M 13/358** (2006.01)

CPC (source: EP US)

C11D 1/62 (2013.01 - EP US); **C11D 3/001** (2013.01 - EP US); **C11D 3/0015** (2013.01 - EP US); **C11D 3/1213** (2013.01 - EP US); **C11D 3/42** (2013.01 - EP US); **D06M 11/44** (2013.01 - EP US); **D06M 11/46** (2013.01 - EP US); **D06M 13/12** (2013.01 - EP US); **D06M 13/184** (2013.01 - EP US); **D06M 13/1845** (2013.01 - EP US); **D06M 13/2035** (2013.01 - EP US); **D06M 13/224** (2013.01 - EP US); **D06M 13/335** (2013.01 - EP US); **D06M 13/352** (2013.01 - EP US); **D06M 13/358** (2013.01 - EP US); **D06M 2200/25** (2013.01 - EP US)

Citation (search report)

See references of WO 02063091A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

DE 10105143 A1 20020808; BR 0206936 A 20040810; CA 2437613 A1 20020815; EP 1383952 A2 20040128; JP 2004528486 A 20040916; MX PA03006782 A 20031113; US 2004074012 A1 20040422; WO 02063091 A2 20020815; WO 02063091 A3 20031127

DOCDB simple family (application)

DE 10105143 A 20010206; BR 0206936 A 20020205; CA 2437613 A 20020205; EP 0201179 W 20020205; EP 02704685 A 20020205; JP 2002562817 A 20020205; MX PA03006782 A 20020205; US 47026503 A 20030806