

Title (en)
FLEXIBLE CHEMICALLY TREATED FIBERS AND COATED FABRICS THEREOF

Publication
EP 0171670 B1 19881005 (EN)

Application
EP 85109268 A 19850724

Priority
US 63508684 A 19840727

Abstract (en)
[origin: EP0171670A1] Coated fabrics produced with more flexible bundles of filaments are possible with the flexible bundle of filaments of the present invention. The flexible bundle of filaments comprise a plurality of sized filaments having the moisture-reduced partially cured coating and impregnant of an aqueous chemical coating composition. The composition has a vinyl-containing interpolymer with one or more comonomers and a self-crosslinking polymeric material and water. Optionally, there may be present one or more aqueous emulsifiable or dispersible waxes, aqueous dispersible or emulsifiable plasticizers and/or one or more aqueous dispersible or emulsifiable diene-containing elastomers. The diene-containing elastomer is always present when the comonomer of the ethylene-containing interpolymer tends decrease the noncrystallinity of the interpolymer or increase the glass transition temperature of the interpolymer.

IPC 1-7
D06M 15/72; **D06M 15/21**; **D06M 15/39**; **D06M 15/53**; **D06M 15/643**; **C03C 25/02**

IPC 8 full level
D06M 13/224 (2006.01); **C03C 25/10** (2006.01); **D01F 11/14** (2006.01); **D06M 13/02** (2006.01); **D06M 13/244** (2006.01); **D06M 13/282** (2006.01); **D06M 13/292** (2006.01); **D06M 15/21** (2006.01); **D06M 15/693** (2006.01); **D06M 101/00** (2006.01)

CPC (source: EP)
D01F 11/14 (2013.01); **D06M 15/693** (2013.01)

Cited by
US5993604A; FR2651688A1; CN108191266A; EP0562698A1; US5317050A; US5334675A; US5296520A; EP0170201A1; DE202017002725U1; US6482886B1; WO9104361A1; WO9722754A1

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

DOCDB simple family (publication)
EP 0171670 A1 19860219; **EP 0171670 B1 19881005**; CA 1264998 A 19900130; DE 3565412 D1 19881110; JP H0479982 B2 19921217; JP S6197474 A 19860515

DOCDB simple family (application)
EP 85109268 A 19850724; CA 486982 A 19850717; DE 3565412 T 19850724; JP 16661785 A 19850726