

Title (en)

Anti-ballistic material and related manufacturing process.

Title (de)

Antibalistisches Material und Verfahren zur Herstellung desselben.

Title (fr)

Matériau anti-balistique et procédé de fabrication à cet effet.

Publication

**EP 0291859 A1 19881123 (EN)**

Application

**EP 88107653 A 19880512**

Priority

- IT 2056887 A 19870518
- IT 2263487 A 19871113

Abstract (en)

The present invention concerns an anti-ballistic material consisting of loose fibres, one or two layers of woven or non-woven fabric impregnated with a cellulose acetate butyrate or cellulose acetate propionate resin or ethyl vinyl acetate, as such or plasticated or in a mixture with other resins the content of which is less than 50%. Said material lends itself to various uses and in particular to further processing, in that, being produced with a thermoplastic resin, it can be made plastic again by heating.

IPC 1-7

**F41H 5/04**; D04H 1/64; D06M 15/07

IPC 8 full level

**D04H 1/4218** (2012.01); **D04H 1/4242** (2012.01); **D04H 1/4342** (2012.01); **D04H 1/587** (2012.01); **D04H 1/645** (2012.01); **D06M 15/07** (2006.01); **F41H 5/04** (2006.01)

CPC (source: EP)

**D04H 1/4218** (2013.01); **D04H 1/4242** (2013.01); **D04H 1/4342** (2013.01); **D04H 1/587** (2013.01); **D04H 1/645** (2013.01); **D06M 15/07** (2013.01); **F41H 5/0485** (2013.01)

Citation (search report)

- DE 541167 C 19320105 - IG FARBENINDUSTRIE AG
- EP 0169432 A1 19860129 - MEHLER AG V [DE]
- EP 0221794 A1 19870513 - HUTCHINSON SA [FR]

Cited by

US5196252A; US5330820A; AU2002247444B2; CN100402968C; KR100848453B1; US8132494B1; US6610617B2; WO02084202A1; WO9108895A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL

DOCDB simple family (publication)

**EP 0291859 A1 19881123**; IL 86414 A0 19881115

DOCDB simple family (application)

**EP 88107653 A 19880512**; IL 8641488 A 19880518