Title (en)

FLAT INSULATING FABRIC AND METHOD FOR ITS PRODUCTION

Publication

EP 0122967 A3 19870204 (DE)

Application

EP 83112236 A 19831206

Priority

DE 3314691 A 19830422

Abstract (en)

[origin: EP0122967A2] 1. A flexible sheetlike insulating material of high breakdown resistance, composed of a nonwoven comprising a plurality of drawn and undrawn polyester fibre layers bonded together without adhesive by application of heat and pressure, characterized in that there are provided layers of drawn polyester and/or aramid fibres and of undrawn polyester fibres as binding fibres, these layers being bonded to one another by the application of heat and pressure, and that the fibres making up the layers have been differently orientated from layer to layer, the outer layers of the nonwoven having been orientated in the longitudinal direction and there being provided at least one inner layer of transversely orientated fibres that contains from 50 to 100 % by weight, based on the total weight of the fibres, of undrawn polyester fibres of from 0.5 to 6.7 dtex and up to 50 % by weight of drawn polyester and/or aramid fibres.

IPC 1-7

D04H 1/54; D04H 1/74

IPC 8 full level

D04H 1/4342 (2012.01); **D04H 1/435** (2012.01); **D04H 1/54** (2012.01); **D04H 1/55** (2012.01); **D04H 1/559** (2012.01); **D04H 1/74** (2006.01)

CPC (source: EP)

D04H 1/4342 (2013.01); **D04H 1/435** (2013.01); **D04H 1/54** (2013.01); **D04H 1/55** (2013.01); **D04H 1/559** (2013.01); **D04H 1/74** (2013.01)

Citation (search report)

- [Y] DE 1117079 B 19611116 - MINNESOTA MINING & MFG
- [Y] FR 2307345 A1 19761105 - RHONE POULENC TEXTILE [FR]
- [Y] FR 1518995 A 19680329
- [A] DE 2533017 B2 19781116

Cited by

EP0199901A3; US9754701B2; WO2009024396A1; WO2009024393A1; WO2013187956A1; US9437348B2; EP3088581B1

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