

Title (en)
Melt-binder-strengthened spin-fleece.

Title (de)
Schmelzbinderverfestigtes Spinnvlies.

Title (fr)
Nappe de non-tissée liant à fondre consolidée.

Publication
EP 0414141 B1 19931222 (DE)

Application
EP 90115778 A 19900817

Priority

- DE 3927505 A 19890821
- DE 3930100 A 19890909

Abstract (en)
[origin: EP0414141A1] There is described a binder-consolidated spunbonded comprising load-bearing polyester filaments and fusible polyester binder filaments. The basis weight of the spunbonded lies within the range between 20 and 120 g/m<2>, the load-bearing filaments and the binder filaments each have a linear density within the range between 1 and 7 dtex, and the proportion of binder filaments is below 10 per cent by weight. The spunbonded is a lightweight spunbonded which is characterised by a particularly high dynamic efficiency, i.e. a particularly high resistance to repeated stress. The lightweight spunbonded is usable for example as reinforcement for shoes and garments, as carrier material for curtains and blinds, as seat cover, filter fabric, etc.

IPC 1-7
D04H 1/54

IPC 8 full level
D04H 3/011 (2012.01); **D04H 3/14** (2012.01); **D04H 3/153** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP KR US)
D04H 3/009 (2013.01 - KR); **D04H 3/011** (2013.01 - EP US); **D04H 3/14** (2013.01 - EP KR US); **D04H 3/153** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP US); **Y10T 442/681** (2015.04 - EP US); **Y10T 442/69** (2015.04 - EP US)

Cited by
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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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EP 0414141 A1 19910227; **EP 0414141 B1 19931222**; AT E99005 T1 19940115; CA 2023587 A1 19910222; DD 299323 A5 19920409; DE 59003952 D1 19940203; DK 0414141 T3 19940411; ES 2048912 T3 19940401; IE 64239 B1 19950726; IE 903005 A1 19910227; JP H03119165 A 19910521; KR 910004875 A 19910329; PT 95040 A 19920529; PT 95040 B 19971128; US 5173355 A 19921222

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