

Title (en)

Thermally stable, melting-binder-strengthened nonwoven web and method for making the same.

Title (de)

Thermisch stabiles, schmelzbinderverfestigtes Spinnvlies und Verfahren zu seiner Herstellung.

Title (fr)

Nappe non tissée lien fondu fortifiée chaleur stable et procédé de sa fabrication.

Publication

**EP 0455990 B1 19951025 (DE)**

Application

**EP 91105398 A 19910405**

Priority

DE 4011479 A 19900409

Abstract (en)

[origin: EP0455990A1] A thermally stable, melting binder-strengthened spunbonded non-woven web composed of supporting and binding filaments in which the melting point of the binding filaments is less than 30 DEG C below that of the supporting filaments is described. The binding and supporting filaments consist preferably of polyesters. The mass per unit area of the spunbonded non-woven web is in the range between 50 and 500 g/m<2>, the elementary count of the supporting filaments and binder filaments is in the range between 1 and 20 dtex, and the proportion of the binder filaments is between 5 and 25 percent by weight. The non-woven web is distinguished by a particularly high thermal load-bearing capacity, i.e. a particularly high resistance to high subsequent treatment temperatures. It can be used, for example, as a support material for roof webs and as tufting supports etc.

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**D04H 1/54**

IPC 8 full level

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Cited by

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