

Title (en)

Method for the production of a textile reinforcement fabric for the manufacture of composite material

Title (de)

Verfahren zur Herstellung einer textilen Verstärkungseinlage für die Herstellung von Kompositmaterialien

Title (fr)

Procédé pour la fabrication d'une armature textile utilisable pour la réalisation de matériaux composites

Publication

**EP 0745716 B1 19990707 (FR)**

Application

**EP 96420187 A 19960523**

Priority

FR 9506798 A 19950602

Abstract (en)

[origin: EP0745716A1] The composite fibre reinforcement material, with a spring effect, is a layer of thicker fibres from a carding stage. Immediately after carding, continuous glass filaments are directed at the web surface, to lie on it in all directions. The web and filaments are mechanically bonded by needling, which draws the glass filaments through the web thickness. The web is of synthetic fibres to spring against the opposite face. The resultant material is coiled.

IPC 1-7

**D04H 1/46**

IPC 8 full level

**D04H 1/4218** (2012.01); **D04H 1/4266** (2012.01); **D04H 1/4291** (2012.01); **D04H 1/4334** (2012.01); **D04H 1/435** (2012.01); **D04H 1/46** (2012.01); **D04H 3/004** (2012.01); **D04H 3/105** (2012.01); **D04H 13/00** (2006.01)

CPC (source: EP US)

**D04H 1/4218** (2013.01 - EP US); **D04H 1/4266** (2013.01 - EP US); **D04H 1/4291** (2013.01 - EP US); **D04H 1/4334** (2013.01 - EP US); **D04H 1/435** (2013.01 - EP US); **D04H 1/46** (2013.01 - EP US); **D04H 3/004** (2013.01 - EP US); **D04H 3/105** (2013.01 - EP US); **D04H 5/02** (2013.01 - EP US); **D04H 5/12** (2013.01 - EP US); **Y10T 442/667** (2015.04 - EP US); **Y10T 442/697** (2015.04 - EP US); **Y10T 442/698** (2015.04 - EP US)

Cited by

CN105951297A; US5910458A; FR2920025A1; US5883021A; EP2036701A1; US5872067A; US5883023A; FR2992000A1; WO2012175208A1; WO2013190221A1

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**EP 0745716 A1 19961204**; **EP 0745716 B1 19990707**; AT E181975 T1 19990715; CZ 148796 A3 19961211; CZ 287643 B6 20010117; DE 69603128 D1 19990812; DE 69603128 T2 19991111; DK 0745716 T3 20000131; ES 2133913 T3 19990916; FR 2734847 A1 19961206; FR 2734847 B1 19970704; US 5667882 A 19970916

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