

Title (en)

DEVICE AND METHOD FOR PRODUCING A NONWOVEN COMPOSITE FABRIC

Title (de)

VORRICHTUNG SOWIE VERFAHREN ZUM HERSTELLEN EINES VLIES-GEWEBEVERBUNDES

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR LA FABRICATION D'UN TISSU COMPOSITE NON-TISSE

Publication

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Application

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Priority

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- EP 2012050857 W 20120120

Abstract (en)

[origin: WO2012098223A1] The invention relates to a device for producing a nonwoven composite fabric. A nonwoven fabric layer is applied onto a support structure layer and connected to said layer by means of water jet needling. According to the invention, the following are provided: a number of deflecting rollers (U, US) around which a support structure (S) in the form of a screen or a mesh fabric is stretched and circulated, said support structure being designed as a continuous strip; a feeding device (V1R) for a nonwoven fabric (V1), which is brought into contact with the support structure (S) and further moved in contact with same; and a device for water jet needling (D11, D12, ST1), by means of which the nonwoven fabric (V1) is connected to the support structure (S).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012098223A1

Citation (examination)

- DE 3200030 A1 19820826 - ICHIKAWA WOOLEN TEXTILE [JP]
- US 4283454 A 19810811 - BUCHANAN ROBERT D

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