

Title (en)

Method of production of functional nanofiber layer and device for carrying out the method

Title (de)

Verfahren zur Herstellung von funktionellen Nanofaserschichten sowie Vorrichtung zur Ausführung des Verfahrens

Title (fr)

Procédé pour la production de couches de nanofibres fonctionelles et appareil pour appliquer ce procédé

Publication

**EP 2530189 A1 20121205 (EN)**

Application

**EP 12168226 A 20120516**

Priority

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Abstract (en)

The invention is related to a method for producing a functional nanofiber layer comprising particles of solid and liquid matter by means of electrostatic spinning of a solution or melt of a polymer, at which the produced nanofibers are laid up between a spinning electrode (1, 12) and a collecting electrode (2, 13, 14) onto a base which is the surface of the collecting electrode (2) or a carrying material (8). Thereat, the particles of the solid or liquid matter are brought between the nanofibers of a nanofibrous layer in a direction opposite to the base and laid up in the gaps between the nanofibers. The invention also relates to a device for carrying out the method.

IPC 8 full level

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Citation (applicant)

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