

Title (en)

Method of needling webs, apparatus suitable therefore and their use

Title (de)

Verfahren zum Vernadeln von Materialbahnen, dafür geeignete Vorrichtung und deren Verwendung

Title (fr)

Procédé pour l'aiguilletage des matériaux en bande, dispositif approprié et leur utilisation

Publication

**EP 0690162 B1 20020904 (DE)**

Application

**EP 95109289 A 19950616**

Priority

DE 4422844 A 19940630

Abstract (en)

[origin: EP0690162A2] A continuous material (9) is needle punched by taking it over several needle rollers (1) which rotate with their axes (3) perpendicular to the material path. The material (9) covers part of the circumference of the needle rollers (1) and their speed relative to the material is set to obtain the required needling effect with adjustable longitudinal stretch. Also claimed is the arrangement where the needle rollers (1) rotate about their axes (3) and the axes (3) move along a circular path. <IMAGE>

IPC 1-7

**D04H 1/46**; D04H 18/00

IPC 8 full level

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