

Title (en)

Device and method for impregnating flexible mat-like reinforcing material

Title (de)

Vorrichtung und Verfahren zum Benetzen von flexiblen mattenförmigen Trägerwerkstoffen

Title (fr)

Dispositif et procédé pour l'impregnation de matière de renforcement flexible sous forme de natte

Publication

**EP 1092799 B1 20040324 (DE)**

Application

**EP 99120964 A 19991103**

Priority

DE 29917899 U 19991011

Abstract (en)

[origin: EP1092799A2] The transport and guidance is provided by a frame with side strips (101, 102, 104) in which the mat (10) is held. At least one flexible strip (101, 102) can be reversibly converted from the expanded- to a curved shape. Preferred features: The flexible side strips can be curved to both sides of the frame surface. They comprise two articulated (103) segments (101, 102). The frame can be moved from a horizontal to a vertical orientation. Alteration of flexible strip shape, is controlled by a drive motor and gear. A mat forming a cylindrical cavity is held on the frame, the cavity shaped by curving a flexible side strip of the frame. Successive curvatures of the flexible side strips, form two opposite curves and two cavities, with different mat surfaces surrounding them. Cavity axes are vertical. One or more pivot arms of the flexible side sections can be moved relative to one another.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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