

Title (en)

LOOM FOR PRODUCING WOVEN FABRICS HAVING ADDED WEFT EFFECTS

Title (de)

WEBMASCHINE ZUR HERSTELLUNG VON GEWEBEN MIT ZUSATZSCHUSSEFFEKTEN

Title (fr)

MÉTIER À TISSER POUR LA PRODUCTION DE TISSUS À EFFETS TRAME SUPPLÉMENTAIRES

Publication

EP 2531639 B1 20130731 (DE)

Application

EP 10803097 A 20101229

Priority

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- EP 2010070868 W 20101229

Abstract (en)

[origin: WO2011095262A1] In a loom for producing woven fabrics (0) having added weft effects, an effect thread (2) fed in the warp direction above a weft thread (3) to be inserted is displaced in the weft direction (12) over a freely programmable displacement path (A) by means of a plurality of adjacent warp threads (1) drawn into different reed gaps (14). In order to interlace the effect thread (2) with the weft thread (3), the effect thread (2) is positioned beneath the weft thread (3) to be inserted and at the same time enters the open reed gaps (14) of a weaving reed device (10, 7, 7.1) that are upwardly open on one side. At the same time, a needle-shaped guide means (11) for the effect thread (2) is moved vertically and in the weft direction (12) in a plane that is located between the shedding elements (4) and the position of the weaving reed device (10, 7, 7.1) during weft insertion. The guide means (11) is displaced by an electromotive displacement drive (6) with respect to a shedding element (4), said drive driving the guide means (11) vertically.

IPC 8 full level

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CPC (source: EP)

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Cited by

US10583802B2; WO2014112931A1; EP3121317A1

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