

Title (en)

Weaving machine with needle bar and insertion element for warps

Title (de)

Webmaschine mit Nadelbarre und Einlegeelement für Kettfäden

Title (fr)

Métier à tisser avec une barre d'aiguilles et un élément d'insertion pour des fils de chaîne

Publication

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Application

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Priority

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- EP 02405262 A 20020404

Abstract (en)

[origin: EP1350876A1] The twist-forming unit can be modified so that horizontal offsetting motion of the inlayer (4) is switched off. For both components, the vertical stroke (30, 40a) is so increased and controlled, that fabric without twist formation, especially a plain weave, is manufactured. Alternatingly-opposed vertical reciprocation of the needle bar (3) or inlayer makes fabric without twist-binding. The needle bar can be replaced by an assembly of eye blades closed at the top and base. The shedding unit incorporates a pivoting arrangement (6, 7, 8) moving the inlayer and needle bar. The drive shaft (81) is connected to a main drive of the machine. The machine and its variants are further detailed, based on the foregoing principles.

IPC 8 full level

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