

Title (en)

Device and method for presenting weft threads to a gripper of a gripper weaving machine

Title (de)

Vorrichtung zur Übergabe von Schussfäden an einen Greifer einer Greiferwebmaschine, Greiferwebmaschine und Verfahren zur Übergabe von zwei Schussfäden

Title (fr)

Dispositif de présentation de fils de trame à une pince d'un métier à tisser à pince, machine à tisser à pinces et procédé pour la présentation de deux fils de trame

Publication

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Application

EP 13155075 A 20090505

Priority

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- EP 09741855 A 20090505

Abstract (en)

The invention relates to a device for the presenting of weft threads to a gripper (10, 40) for a gripper weaving machine, wherein the device (1) comprises a plurality of presenting elements (11, 12, 13, 14, 15, 16) which are movable between a rest position and a presentation position and a support device (4) which in use is arranged between the presenting elements (11, 12, 13, 14, 15, 16) and a gripper (10, 40) to support a weft thread (2, 3) while the weft thread (2, 3) is taken up by the gripper (10, 40), wherein a first thread separator (7) is provided for weaving two weft threads (2, 3) at the same time, wherein the support device (4) comprises two support elements (5, 6) which are separated from each other by the first thread separator (7) and extend in use substantially in the direction of movement of the gripper (10, 40), and wherein each support element (5, 6) allows an associated weft thread (2, 3) to be supported in a position transverse to the direction of movement of the gripper (10, 40), which position is different from the position of the other weft thread (2, 3).

IPC 8 full level

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Citation (applicant)

- EP 0161014 A1 19851113 - PICANOL NV [BE]
- WO 2005047584 A1 20050526 - PICANOL NV [BE], et al
- DE 1710292 A1 19711028 - DORNIER GMBH LINDAUER
- CH 510151 A 19710715 - DORNIER GMBH LINDAUER [DE]
- EP 0266286 A2 19880504 - SAMT SOC ALSACIENNE MAT TEX [FR]
- EP 0633336 A1 19950111 - RUETI AG MASCHF [CH]

Citation (search report)

- [A] WO 0029651 A2 20000525 - SULZER TESSILE S R L [IT], et al
- [AD] JP H04209852 A 19920731 - KANEBO LTD

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