

Title (en)

Guide element for a gripper transport element of a loom

Title (de)

Führungselement für ein Greifertransportelement einer Webmaschine

Title (fr)

Élément de guidage pour un élément de transport de poignée d'une machine à tisser

Publication

EP 2372001 A1 20111005 (DE)

Application

EP 11168823 A 20051005

Priority

- EP 05797775 A 20051005
- DE 102004049256 A 20041005

Abstract (en)

Guidance surfaces (14-18) of the guidance component (10), and its open enclosure (13) are associated with a shuttle transport rail (19). The open enclosure (13) has a projection (41) matching a long groove in the underside of the rail (19). At the open side, a further projection (20) has an upper surface (40) forming a guide for the rail. This (40) is below the upper edge (42) of the projection (41). The projection is a peak directed away from the enclosure. The upper edge (43) of the projection (20), which serves as a guide, runs to the guide (14) on the underside of the shuttle carrier (19). Below the projection (20) a rounded edge transitions with milled surfaces into side flanks of the guide component. The guide component has a region (12) for penetration into a shed. This has a flat, plate-like form, with its thickness decreasing toward the open side. The guide component has a rounded upper edge (23). The highest point (24) of this edge is located in the region above the open side of the enclosure. The upper edge includes an obtuse angle near the highest point. The section running from the highest point of the upper edge to the open side of the enclosure, is at about 45[deg] to the guide surfaces of the guide section lying opposite. Further details and variations of the guidance sections are provided.

Abstract (de)

Bei Führungselementen (10) für ein Greifertransportelement (19) einer Webmaschine wird eine auf einer Seite offene Einfassung (13) vorgesehen, wobei von einem unteren Abschnitt nach außen von der Einfassung (13) hinweg ein Ansatz (20) abragt, der eine Führung für einen außerhalb der Einfassung befindlichen Teil eines Greifertransportelementes bildet.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 0275479 B1 19920429
- WO 9410364 A2 19940511 - INTERPATENTS LTD [IE], et al
- EP 0715009 A1 19960605 - VAMATEX NUOVA SPA [IT]
- EP 0576854 A1 19940105 - PICANOL NV [BE]

Citation (search report)

- [X] EP 0726342 A1 19960814 - PICANOL NV [BE]
- [A] US 5413151 A 19950509 - MOENECLAHEY DENIS [BE]

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