

Title (en)

Device for presenting the weft to the insertion needle of a loom, and loom provided therewith.

Title (de)

Vorrichtung zum Übertragen des Schussfadens an der Eintragsnadel einer Webmaschine und mit einer solchen Vorrichtung versehene Webmaschine.

Title (fr)

Dispositif de présentation d'une trame devant une aiguille passetrame de métier à tisser et métier à tisser équipé d'un tel dispositif.

Publication

**EP 0119122 A1 19840919 (FR)**

Application

**EP 84400333 A 19840217**

Priority

FR 8303823 A 19830309

Abstract (en)

1. A device for presenting the weft to the insertion needle of a loom which comprises a mechanism for casting off and presenting to the needle (13) the portion of the weft (T) between a guiding eyelet (d) and the edge (a) of the fabric, and which also comprises a cutting mechanism (C) of the end of the weft located close to the edge (a) of the fabric, each of said mechanisms being carried by a fixed part (7) of the frame of the loom and being activated separately by a cam (2-17-30) rotating in synchronism with the main shaft of the loom, said device being characterized in that it further comprises a fixed weft gripping mechanism (27) carried by the frame (7) of the loom, permitting gripping of the weft carried by the needle ; and in that the casting off mechanism (R) comprises a casting off finger (1) which is slidably mounted in a generally vertical direction in a rotating movable guide (10) carried by the frame (7) of the loom and which is provided with a casting off hook (12) and comprises a connecting linkage (3, 4, 8, 5) interposed between said finger (1) and the cam surface of the cam (2).

Abstract (fr)

L'invention concerne l'industrie du tissage. Le dispositif comprend un premier mécanisme (1, 12) de rabattage de la trame (T), un deuxième mécanisme (14, 14a, 27) de présentation et de pincage de la trame devant l'aiguille (13) du métier, et un troisième mécanisme (37, 39) de coupe de la trame. Chacun des mécanismes est porté par une partie fixe du bâti du métier et est actionné individuellement par une came tournant en synchronisme avec l'arbre principal du métier. Application aux métiers à tisser à grande vitesse.

IPC 1-7

**D03D 47/34**

IPC 8 full level

**D03D 47/34** (2006.01)

CPC (source: EP)

**D03D 47/34** (2013.01)

Citation (search report)

- [A] FR 1394396 A 19650402 - JEAN GUESKEN MASCHINENFABRIK U
- [A] FR 2326509 A1 19770429 - ALSACIENNE CONSTR MECA [FR]
- [A] FR 2016528 A1 19700508 - TONNAR FELIX GMBH
- [A] FR 2286902 A1 19760430 - ALSACIENNE CONSTR MECA [FR]

Cited by

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