

Title (en)

Process and device for bringing a clamped weft yarn to a bringer gripper of a loom

Title (de)

Verfahren und Vorrichtung zum Zubringen eines geklemmten Schussfadens zu einem Bringergreifer einer Webmaschine

Title (fr)

Procédé et dispositif pour acheminer un fil de trame pincé à une griffe d'amenée pour métiers à tisser

Publication

EP 1367159 A3 20040506 (DE)

Application

EP 03005212 A 20030308

Priority

DE 10213639 A 20020327

Abstract (en)

[origin: US2003183295A1] In a gripper weaving loom which weaves several different types of weft threads into a fabric, it is desirable to keep weft material waste to a minimum. For this purpose a weft thread (7) already inserted into the loom shed is simultaneously held by a weft presenting clamp (13) and by a holding clamp (18). As soon as the weft is held by both clamps the weft is cut by a cutter (20) effective between the two clamps to form a trailing weft end (7B) of the already inserted weft and a leading weft end (7A) of a weft yet to be inserted. The holding clamp (18) keeps holding the trailing end (7B) until beat-up of the weft by the reed (4) is completed. For this purpose, the holding clamp (18) moves with the reed (4) into the beat-up position. When beat-up is completed the holding clamp (18) releases the trailing weft end (7B) and returns into a weft receiving position (22B). The weft presenting clamp (13) still holds the leading end (12A). The holding clamp (18) is arranged to move with the reed, while the cutter (20) is stationary between the two clamps.

IPC 1-7

D03D 47/38

IPC 8 full level

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CPC (source: EP US)

D03D 47/12 (2013.01 - EP US); **D03D 47/125** (2013.01 - EP US); **D03D 47/34** (2013.01 - EP US)

Citation (search report)

- [AD] EP 0240075 A2 19871007 - PICANOL NV [BE]
- [AD] DE 19739853 A1 19990318 - DORNIER GMBH LINDAUER [DE]

Cited by

CN107217375A; DE102015217356B3; US10472745B2

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