

Title (en)

DEVICE FOR SELECTING AND PRESENTING WEFT THREADS

Title (de)

VORRICHTUNG ZUM AUSWÄHLEN UND PRÄSENTIEREN VON SCHUSSFÄDEN

Title (fr)

DISPOSITIF POUR LA SÉLECTION ET LA PRÉSENTATION DE FILS DE TRAME

Publication

EP 4310233 A1 20240124 (EN)

Application

EP 22185743 A 20220719

Priority

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Abstract (en)

The invention relates to a device (1) for selecting and presenting weft threads to an insertion element (103) of a weaving machine comprising a holding plate (2) and a number of weft feeder modules (3), each weft feeder module (3) comprising a weft feeder element (4) with a weft thread guide (5) at its distal end, a drive mechanism (6), a drive motor (8), which drive motor (8) is mounted to the holding plate (2) in a motor mounting region (12), and a guide structure (9) mounted to the holding plate (2) in a guide structure mounting region (13), wherein the weft feeder element (4) is connected via the drive mechanism (6) to the drive motor (8) for a movement of the weft feeder element (4) between a rest position and a presenting position, and wherein the weft feeder element (4) is guided by the guide structure (9), wherein an opening (14) is provided in the holding plate (2) between the motor mounting region (12) and the guide structure mounting region (13) allowing incidence of light to improve a visibility in a thread feeding zone The invention further relates to a weaving machine comprising an insertion element (103), in particular a gripper, and a device (1) for selecting and presenting weft threads to the insertion element (103).

IPC 8 full level

D03D 47/38 (2006.01)

CPC (source: EP)

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Citation (applicant)

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- EP 2893067 B1 20190403 - PICANOL [BE]
- EP 0896075 A2 19990210 - VAMATEX NUOVA SPA [IT]

Citation (search report)

- [AD] EP 0896075 B1 20031001 - PROMATECH SPA [IT]
- [A] EP 0362089 A1 19900404 - MARSANDE PETRUS

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