

Title (en)

DEVICE FOR THE TRANSFER OF MOVEMENTS AND FORCES IN PARTICULAR IN DOBBY LOOMS

Title (de)

VORRICHTUNG ZUR ÜBERTRAGUNG VON BEWEGUNGEN UND KRÄFTEN, INSBESONDERE IN SCHAFTWEBMASCHINEN

Title (fr)

DISPOSITIF POUR TRANSFERER DES MOUVEMENTS ET DES FORCES, NOTAMMENT DANS DES METIERS A TISSER A RATIERE

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Application

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Abstract (en)

[origin: WO02099171A2] The invention relates to a device for the transfer of movements and forces from a guide lever, connected to a drive means, to at least one linearly-moving element, in particular on a dobby loom, whereby the guide lever is mounted to rotate around an axis, comprises a first and a second lever arm, arranged at an angle to each other and the input of force from the drive means to the lever occurs by means of one of the lever arms. The aim of the invention is to translate the pivoting motion of a guide lever into a linear motion with low frictional losses and low wear. Said aim is achieved, whereby at least one of the lever arms (2;3) is connected to a linearly-moving element (18 or 19;20), by means of a first and a second flexible strip (11, 12; 13, 14), both strips are arranged and fixed such that on each input of force for carrying out a linear extension or for carrying out a linear retraction of the elements (18, 19, 20) only one of the strips (12, 14 or 11, 13) is subjected to a tensioning force.

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