

Title (en)
Apparatus for driving loom heald frames

Title (de)
Webschaftantriebsvorrichtung

Title (fr)
Dispositif d'entraînement de cadres de métier à tisser

Publication
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Application
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Priority
JP 10467797 A 19970422

Abstract (en)
[origin: EP0879908A1] The present invention relates to an apparatus for driving a heald frame of a loom, and particularly, it is an object of the present invention to provide an apparatus for driving a loom heald frame using a linear motor having a sufficiently large driving force and being capable of securing a sufficiently long driving stroke. A heald frame 21 is driven vertically along a guide 23 by the driving force of a linear motor 24 transferred through a connecting lever 26. At this moment, by utilizing the principle of a lever and fulcrum, using a connecting lever 26 and the fulcrum 26a, a large driving force is obtained by using a linear motor with a long stroke, or a long stroke necessary to drive the heald frame is obtained by using a linear motor with a large driving force. By adopting such a configuration, the heald frame 21 can be vertically driven by a sufficiently large driving force and a sufficiently long stroke. <IMAGE>

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