

Title (en)

MECHANISM FOR FORMING A SHED AND JACQUARD LOOM EQUIPPED WITH SUCH A MECHANISM

Title (de)

FACHBILDUNGSMECHANISMUS UND WEBMASCHINE VOM TYP JACQUARDWEBMASCHINE, DIE MIT EINEM SOLCHEN MECHANISMUS AUSGESTATTET IST

Title (fr)

MÉCANISME DE FORMATION DE LA FOULE ET MÉTIER À TISSER DE TYPE JACQUARD ÉQUIPÉ D'UN TEL MÉCANISME

Publication

EP 4015687 B1 20231018 (FR)

Application

EP 21216581 A 20211221

Priority

FR 2013853 A 20201221

Abstract (en)

[origin: CN114645362A] The invention relates to a shedding mechanism and a jacquard loom equipped with the shedding mechanism. The opening mechanism comprises a housing, at least one movable hook that can be held by a selection device, the selection device comprising at least one electromagnet and comprising a ferromagnetic core comprising a first pole face and a second pole face, the pole faces being offset from each other along a longitudinal direction. The electromagnet further includes a non-magnetic portion and a retaining lever configured to retain the movable hook when the movable hook is in or near its top dead center position, the retaining lever being mounted to pivot about a swing axis between a position away from the electromagnet and a position in contact with the electromagnet. The non-magnetic portion of the electromagnet includes a surface for guiding the pivoting of the retaining bar about the pivot axis, the guiding surface cooperating with the retaining bar in a direction radial to the pivot axis between a distant position and a contact position. The guide surface is cylindrical with a circular base centered on the pivot axis.

IPC 8 full level

D03C 3/20 (2006.01)

CPC (source: CN EP KR US)

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