Title (en)

LOOM HAVING A GRIPPER SHUTTLE CIRCULATING IN A CLOSED CIRCUIT

Publication

EP 0109607 B1 19860924 (DE)

Application

EP 83111162 A 19831108

Priority

- DE 3242121 A 19821113
- DE 3325294 A 19830713

Abstract (en)

[origin: EP0109607A1] 1. A loom for weaving flat fabric provided with gripper shuttles advancing along an endless path consisting of the path section in the shed along the reed, the opposing return path section and the arcuate return path sections connecting them, which gripper shuttle is engaged before the entry into the shed by a delivering means moving at least at the moment of the delivery of the shuttle into the shed with constant shed entrance speed, comprising within the shuttle path in front of the delivering means an apparatus controlling the arrival time of the shuttle at that delivering means and further comprising an indexing means having a controlling influence on the controlling means and delivering thereto signals related to a loom-rhythm, wherein the delivering means- occupies practically the whole path curvature in front of the shed entry and the controlling means occupies most of the return path section, characterized in that at least part of the return path section (13; 113, 113a, 113b, 113c) positioned between the return curves has the configuration of a curve or is provided with curved pieces at the beginning and/or end of the straight-lined connection of the return path curves and that the controlling means (15, 115) extend essentially over the return path section (13; 113, 113a, 113b, 113c) and engage as conveyor belt the path curve or -curves of the return path sections (13; 113, 113a, 113b, 113c).

IPC 1-7

D03D 47/24; D03D 49/66

IPC 8 full level

D03D 47/24 (2006.01); **D03D 49/66** (2006.01)

CPC (source: EP)

D03D 47/24 (2013.01); **D03D 49/66** (2013.01)

Cited by

EP4108819A1; FR2609729A1; BE1001380A4; EP0557723A1; BE1029528B1

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