

Title (en)

ARRANGEMENT FOR CONTROLLING THE MOVEMENT OF THE WEFT CONVEYING GRIPPERS IN SHUTTLELESS LOOMS

Publication

EP 0095137 A3 19840222 (EN)

Application

EP 83104900 A 19830518

Priority

IT 2145782 A 19820525

Abstract (en)

[origin: EP0095137A2] In a shuttleless loom, the movement of the weft conveying grippers is controlled by straps moved forward and backward by gearwheels mounted at the loom shed ends, the peripheral teeth of said gearwheels engaging with longitudinally aligned slots provided at the centre of the straps. The engagement between the straps and the gearwheels is constant and precise over a wide arc of each of the wheels, thanks to the guiding action (extending over the whole of said arc) provided by a narrow belt endlessly wound about guide pins and engaging with its slots the gearwheel teeth to act on the lateral portions of the strap.

IPC 1-7

D03D 47/27

IPC 8 full level

D03D 47/27 (2006.01)

IPC 8 main group level

D03J (2006.01)

CPC (source: EP KR)

D03D 47/27 (2013.01 - KR); **D03D 47/272** (2013.01 - EP); **D03D 47/276** (2013.01 - EP); **D03D 47/277** (2013.01 - EP)

Citation (search report)

- FR 1443627 A 19660624
- US 3198215 A 19650803 - TINKHAM WESLEY L
- US 4274449 A 19810623 - FREISLER ERHARD, et al
- CH 567122 A5 19750930 - RUETI AG MASCHF
- US 3916957 A 19751104 - DEWAS RAYMOND

Cited by

EP0285001A3; US5097873A; EP0726341A3; CN1045642C; WO8807600A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0095137 A2 19831130; EP 0095137 A3 19840222; ES 522647 A0 19840501; ES 8404431 A1 19840501; GR 78487 B 19840927; IL 68782 A0 19840531; IT 1151228 B 19861217; IT 8221457 A0 19820525; JP S5921746 A 19840203; KR 840004546 A 19841022; PL 135839 B1 19851231; PL 242189 A1 19840116; PT 76738 A 19830601; PT 76738 B 19860127; RO 88367 A 19860130

DOCDB simple family (application)

EP 83104900 A 19830518; ES 522647 A 19830524; GR 830171455 A 19830524; IL 6878283 A 19830525; IT 2145782 A 19820525; JP 9014383 A 19830524; KR 830002265 A 19830525; PL 24218983 A 19830525; PT 7673883 A 19830523; RO 11106483 A 19830525