

Title (en)

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

Publication

EP 0065231 B1 19860305 (EN)

Application

EP 82103943 A 19820506

Priority

IT 2173881 A 19810515

Abstract (en)

[origin: EP0065231A1] In a shuttleless loom, the movement of the weft conveying grippers is controlled by straps (2) moved backwards and forwards by gearwheels (1) mounted at the loom shed ends, the peripheral teeth of said gearwheels meshing with longitudinally aligned slots (3) provided at the centre of the straps. The engagement between the straps and the gearwheels is constant and precise over a wide arc of the wheels, thanks to guides extending over the whole of said arc and acting on the lateral portions of the straps, and it takes place between elongated slots in the straps and correspondingly shaped teeth, with round-edged periphery, of the gearwheels.

IPC 1-7

D03D 47/27

IPC 8 full level

D03D 47/27 (2006.01)

CPC (source: EP)

D03D 47/273 (2013.01); **D03D 47/276** (2013.01); **D03D 47/277** (2013.01)

Cited by

DE3709889A1; US4564053A; EP0139115A1; EP0905296A1; CN1071815C; FR2548226A1; EP0751246A1; BE1009470A3

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0065231 A1 19821124; EP 0065231 B1 19860305; AT E18444 T1 19860315; BR 8202813 A 19830426; CS 228926 B2 19840514; DD 202463 A5 19830914; DE 3269574 D1 19860410; ES 512116 A0 19830401; ES 8305439 A1 19830401; IT 1135816 B 19860827; IT 8121738 A0 19810515; JP H0375653 B2 19911202; JP S584848 A 19830112; MX 157727 A 19881213; PT 74898 A 19820601; PT 74898 B 19831130

DOCDB simple family (application)

EP 82103943 A 19820506; AT 82103943 T 19820506; BR 8202813 A 19820514; CS 354882 A 19820514; DD 23987782 A 19820514; DE 3269574 T 19820506; ES 512116 A 19820512; IT 2173881 A 19810515; JP 8033082 A 19820514; MX 19269782 A 19820514; PT 7489882 A 19820512