Title (en)

CONTROL MECHANISM FOR THE ELECTROMOTOR OF A DEVICE FOR FORMING A LENO EDGE

Title (de)

STEUERUNG FÜR DEN ELEKTROMOTOR EINER VORRICHTUNG ZUM BILDEN EINER DREHERKANTE

Title (fr)

COMMANDE POUR LE MOTEUR ELECTRIQUE D'UN DISPOSITIF SERVANT A FORMER UNE LISIERE A POINT DE GAZE

Publication

EP 1019571 A2 20000719 (DE)

Application

EP 98954218 A 19980924

Priority

- DE 9802844 W 19980924
- DE 19743872 A 19971004

Abstract (en)

[origin: US6286560B1] A device for producing a leno selvedge for a loom receives a weft thread and comprises: heald frames which form a shed. The device comprises an electric motor with a rotor having two guide elements for doup ends, and a control system. The electric motor is driven by the control system. In one embodiment, the control system of the electric motor is given a pilot pulse generated from the opening or closing of the shed at the very moment when the loom is starting to open or to close the shed. In another embodiment, the control system of the electric motor is given a pilot pulse, generated by the insertion of or completion of the insertion of, the weft thread, at the very moment when the insertion of the weft thread is starting or when the weft insertion has been accomplished.

IPC 1-7

D03C 1/00

IPC 8 full level

D03D 47/40 (2006.01); **D03C 1/00** (2006.01); **D03C 7/00** (2006.01); **D03C 7/04** (2006.01); **D03C 7/08** (2006.01); **D03D 51/02** (2006.01)

CPC (source: EP US)

D03C 7/04 (2013.01 - EP US); **D03C 7/08** (2013.01 - EP US)

Citation (search report)

See references of WO 9918272A2

Cited by

EP3162934A1; EP3197029A1; WO2017125357A1; US10988866B2; EP1620588B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL PT

DOCDB simple family (publication)

US 6286560 B1 20010911; AT E229580 T1 20021215; CN 1095508 C 20021204; CN 1272897 A 20001108; CZ 20001182 A3 20000913; CZ 288784 B6 20010815; DE 19743872 C1 19981217; DE 59806651 D1 20030123; EP 1019571 A2 20000719; EP 1019571 B1 20021211; ES 2184331 T3 20030401; HK 1028908 A1 20010309; JP 2001519484 A 20011023; PT 1019571 E 20030228; RU 2000111544 A 20040320; RU 2179206 C2 20020210; WO 9918272 A2 19990415; WO 9918272 A3 19990527

DOCDB simple family (application)

US 51898400 A 20000303; AT 98954218 T 19980924; CN 98809698 A 19980924; CZ 20001182 A 19980924; DE 19743872 A 19971004; DE 59806651 T 19980924; DE 9802844 W 19980924; EP 98954218 A 19980924; ES 98954218 T 19980924; HK 00108307 A 20001221; JP 2000515055 A 19980924; PT 98954218 T 19980924; RU 2000111544 A 19980924