

Title (en)

METHOD FOR OPERATING A DRIVE ASSEMBLY OF A LOOM AND SHEDDING MACHINE COMPRISING DIVIDED DRIVE TECHNOLOGY

Title (de)

VERFAHREN ZUM BETREIBEN EINER ANTRIEBSANORDNUNG EINER WEBMASCHINE UND FACHBILDEMACHINE MIT GETRENNTER ANTRIEBSTECHNIK

Title (fr)

PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF D'ENTRAINEMENT D'UN METIER A TISSER ET D'UNE MECANIQUE D'ARMATURE DOTES D'UN MATERIEL D'ENTRAINEMENT DISTINCT

Publication

EP 1476595 B1 20070530 (DE)

Application

EP 03704271 A 20030131

Priority

- DE 0300264 W 20030131
- DE 10206972 A 20020220

Abstract (en)

[origin: WO03071017A1] The aim of the invention is to provide a high degree of energy consistency during the operation of a loom and shedding machine comprising divided drive technology and to guarantee a run-up within one weft for the loom and if necessary also for the shedding machine. To achieve this, the control unit that controls the electromotive drive of the loom and shedding machine is equipped with suitable computational means, which determine the relevant intensity of the moment of inertia of a non-integral balancing mass, with which at least the shedding machine is to be equipped, depending on machine-related and/or weaving-related data. The invention is also provided with suitable means for installing the non-integral balancing mass, in such a way that the intensity of the determined moment of inertia affects the operation of the shedding machine.

IPC 8 full level

D03D 51/02 (2006.01); **D03C 13/00** (2006.01)

CPC (source: EP KR US)

D03D 51/007 (2013.01 - EP US); **D03D 51/02** (2013.01 - KR); **D03D 51/12** (2013.01 - KR)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03071017 A1 20030828; AT E363559 T1 20070615; CN 1636088 A 20050706; DE 10206972 A1 20030904; DE 50307368 D1 20070712; EP 1476595 A1 20041117; EP 1476595 B1 20070530; JP 2005517833 A 20050616; KR 100581431 B1 20060517; KR 20040088499 A 20041016; RU 2004127942 A 20060220; RU 2274687 C1 20060420; US 2005178457 A1 20050818; US 7114527 B2 20061003

DOCDB simple family (application)

DE 0300264 W 20030131; AT 03704271 T 20030131; CN 03804327 A 20030131; DE 10206972 A 20020220; DE 50307368 T 20030131; EP 03704271 A 20030131; JP 2003569903 A 20030131; KR 20047012567 A 20030131; RU 2004127942 A 20030131; US 50530904 A 20040820