

Title (en)

Operational-error preventing device for loom

Title (de)

Vorrichtung zum Vermeiden von Operativfehlern für eine Webmaschine

Title (fr)

Dispositif de prévention d'erreurs d'opération pour métier à tisser

Publication

**EP 1862573 A1 20071205 (EN)**

Application

**EP 07008338 A 20070424**

Priority

JP 2006155376 A 20060602

Abstract (en)

In an operational-error preventing device for a loom (1), a reverse-rotation prohibition angle is preliminarily set within a main-shaft-angle range in which a shedding device (50) is driven on the basis of an inverted shedding pattern. When a main-shaft angle reaches the reverse-rotation prohibition angle due to an automatic reverse rotation of a loom main shaft (24) to a set angle executed after the loom main shaft (24) has been stopped in response to an occurrence of a cause of stoppage or due to a reverse rotation executed in response to input of a reverse-rotation button signal (S3), the reverse rotation of the loom main shaft (24) is prohibited even if the reverse-rotation button signal (S3) is received.

IPC 8 full level

**D03D 51/00** (2006.01)

CPC (source: EP)

**D03C 19/005** (2013.01); **D03D 51/002** (2013.01)

Citation (search report)

- [Y] EP 0839939 A1 19980506 - TSUDAKOMA IND CO LTD [JP]
- [Y] JP H03113052 A 19910514 - TSUDAKOMA IND CO LTD
- [DA] JP H06116841 A 19940426 - TSUDAKOMA IND CO LTD
- [A] JP H01266241 A 19891024 - TOYODA AUTOMATIC LOOM WORKS
- [A] EP 1637636 A2 20060322 - TSUDAKOMA IND CO LTD [JP]

Designated contracting state (EPC)

BE CH DE IT LI

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1862573 A1 20071205**; **EP 1862573 B1 20090819**; CN 101082148 A 20071205; CN 101082148 B 20110126; DE 602007002007 D1 20091001; JP 2007321313 A 20071213; JP 5084179 B2 20121128

DOCDB simple family (application)

**EP 07008338 A 20070424**; CN 200710103498 A 20070518; DE 602007002007 T 20070424; JP 2006155376 A 20060602