

Title (en)

METHOD FOR STOPPING LOOM AND LOOM FOR REALIZING STOPPING METHOD

Title (de)

VERFAHREN ZUM STOPPEN VON WEBMASCHINEN UND WEBMASCHINE ZUM DURCHFÜHREN EINES STOPFVERFAHRENS

Title (fr)

PROCÉDÉ D'ARRÊT D'UN MÉTIER À TISSER ET MÉTIER À TISSER POUR LA MISE EN OEUVRE DU PROCÉDÉ D'ARRÊT

Publication

EP 3597806 A1 20200122 (EN)

Application

EP 19182463 A 20190626

Priority

JP 2018135612 A 20180719

Abstract (en)

Rotation of a main shaft (10) is stopped by a first braking step that is started at a time point at which a stop command has been generated or later, the first braking step dropping a rotation rate of the main shaft (10) toward a predetermined stop rotation rate that is lower than a steady rotation rate by changing a command rotation rate two times or more; and a second braking step of actuating an electromagnetic brake (60) at a time point at which the rotation rate has reached the stop rotation rate or later and braking the main shaft (10). In addition, the command rotation rate is changed in the first braking step every period of one rotation or more of the main shaft (10).

IPC 8 full level

D03D 51/06 (2006.01)

CPC (source: CN EP)

D03D 51/00 (2013.01 - CN); **D03D 51/06** (2013.01 - EP); **D03D 51/10** (2013.01 - CN)

Citation (applicant)

- JP H06158478 A 19940607 - TSUDAKOMA IND CO LTD
- JP 2007332477 A 20071227 - TSUDAKOMA IND CO LTD

Citation (search report)

- [AD] EP 1867767 A2 20071219 - TSUDAKOMA IND CO LTD [JP]
- [A] DE 10236095 B3 20040205 - DORNIER GMBH LINDAUER [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3597806 A1 20200122; **EP 3597806 B1 20210818**; CN 110735219 A 20200131; CN 110735219 B 20220531; JP 2020012213 A 20200123; JP 7441585 B2 20240301

DOCDB simple family (application)

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