Title (en)
SHEDDING METHOD AND DEVICE FOR LOOM

Title (de)
FACHBILDUNGSVERFAHREN UND -VORRICHTUNG FÜR WEBMASCHINEN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FORMATION DE LA FOULE POUR MÉTIER À TISSER

Publication
EP 3327190 A1 20180530 (EN)

Application
EP 17202720 A 20171121

Priority
JP 2016228724 A 20161125

Abstract (en)
A shedding method is provided that is applied to a loom that has a plurality of heddle frames and a plurality of heddle frame driving systems including a plurality of shedding motors. Each of the heddle frame driving systems is configured such that rotation in a single direction of one of the shedding motors drives the corresponding one of the heddle frames independently via the corresponding one of the crank mechanisms. The shedding method for a loom includes: when stopping each heddle frame in a shedding state, stopping the heddle frame after the heddle frame has moved in a shed closing direction by a preset amount from a top dead center or a bottom dead center; and after the heddle frame is stopped, restarting a shedding motion by reversing a rotation direction of the shedding motor from the rotation direction before the heddle frame was stopped.

IPC 8 full level
D03C 13/00 (2006.01); **D03C 1/00** (2006.01)

CPC (source: CN EP)
D03C 5/00 (2013.01 - CN); **D03C 13/025** (2013.01 - EP)

Citation (applicant)
JP 2005089954 A 20050407 - GROZ BECKERT KG

Citation (search report)
- [Y] FR 2920788 A1 20090313 - SCHONHERR TEXTILMASCHB GMBH [DE]
- [Y] JP H09111576 A 19970428 - TOYODA AUTOMATIC LOOM WORKS
- [AD] EP 1516947 A2 20050323 - GROZ BECKERT KG [DE]

Cited by
CN115247306A; EP3859065A1

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 3327190 A1 20180530; **EP 3327190 B1 20200506**; CN 108103630 A 20180601; CN 108103630 B 20191126; JP 2018084007 A 20180531; JP 6635006 B2 20200122

DOCDB simple family (application)
EP 17202720 A 20171121; CN 201711135512 A 20171116; JP 2016228724 A 20161125