

Title (en)

Start control apparatus and start control method for loom

Title (de)

Startsteuervorrichtung und Startsteuerverfahren für eine Webmaschine

Title (fr)

Dispositif et procédé de commande de démarrage pour métier à tisser

Publication

EP 1580308 A3 20060419 (EN)

Application

EP 05003151 A 20050215

Priority

JP 2004088082 A 20040324

Abstract (en)

[origin: EP1580308A2] A start control method for a start control apparatus of a loom which executes a starting method selected from a plurality of starting methods including a normal start and a blank beating start in which a reverse rotation is performed by a predetermined amount so that a weft yarn which is already woven in is released from warp, beat-up motion without weft insertion is performed by the same amount as the amount of the reverse rotation while activating the loom, and then weft insertion is started, wherein the reverse rotation is not performed when the weft yarn positioned at a cloth fell has elasticity. It is determined whether or not the weft yarn to be exposed at the cloth fell has elasticity on the basis of information regarding the weft selection or information regarding the elasticity of weft. When a drive operation signal is generated, if the weft yarn is determined to have elasticity the normal start is executed.

IPC 8 full level

D03D 51/00 (2006.01); **D03D 47/30** (2006.01)

CPC (source: EP)

D03D 47/3026 (2013.01); **D03D 51/002** (2013.01); **D03D 51/007** (2013.01)

Citation (search report)

- [A] EP 1285984 A2 20030226 - TSUDAKOMA IND CO LTD [JP]
- [A] US 5172732 A 19921222 - KRUMM VALENTIN [DE], et al
- [A] EP 0629725 A1 19941221 - RUETI AG MASCHF [CH]

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CN104975418A; EP1772544A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1580308 A2 20050928; **EP 1580308 A3 20060419**; **EP 1580308 B1 20071205**; DE 602005003603 D1 20080117;
DE 602005003603 T2 20081113; JP 2005273076 A 20051006

DOCDB simple family (application)

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