

Title (en)
TEMPLE DEVICE FOR LOOM INCLUDING AUTOMATIC TEMPLE POSITION SWITCHING MECHANISM AND METHOD OF DRIVING TEMPLE THEREOF

Title (de)
BREITHALTERVORRICHTUNG FÜR WEBMASCHINE MIT AUTOMATISCHEM BREITHALTERPOSITIONSUMSCHALTMECHANISMUS UND VERFAHREN ZUM ANTREIBEN DES BREITHALTERS DAFÜR

Title (fr)
DISPOSITIF DE TEMPLET POUR MÉTIER À TISSER INCLUANT UN MÉCANISME DE COMMUTATION AUTOMATIQUE DE POSITION DE TEMPLET ET PROCÉDÉ DE COMMANDE DE TEMPLET ASSOCIÉ

Publication
EP 2405041 B1 20160824 (EN)

Application
EP 11004933 A 20110616

Priority
JP 2010154107 A 20100706

Abstract (en)
[origin: EP2405041A2] Provided is a method of driving a temple (41) of a temple device (40) including an automatic temple position switching mechanism (42), the temple device (40) being used for a loom that successively weaves a fabric (2a) having two or more weave sections with different weft densities in accordance with a set weaving length that has been set, the temple (41) being displaceable between two positions, the automatic temple position switching mechanism (42) automatically switching a position of the temple (41) between two positions that are an operating position and a standby position, the method being performed when displacing the temple (41) from the operating position toward the standby position in accordance with switching between the weave sections, the method including successively detecting a weaving length of a weave section that is being woven, and displacing the temple (41) in accordance with a preset operation mode including a movement start timing of the temple (41) such that movement of the temple (41) is started before the detected weaving length reaches the set weaving length and such that the temple (41) reaches a non-operating position after a plurality of weft-insertion periods.

IPC 8 full level
D03J 1/22 (2006.01); **D03D 49/12** (2006.01)

CPC (source: EP)
D03D 49/12 (2013.01); **D03J 1/22** (2013.01)

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

DOCDB simple family (publication)
EP 2405041 A2 20120111; **EP 2405041 A3 20141210**; **EP 2405041 B1 20160824**; CN 102312338 A 20120111; JP 2012017531 A 20120126; JP 5651392 B2 20150114

DOCDB simple family (application)
EP 11004933 A 20110616; CN 201110176315 A 20110621; JP 2010154107 A 20100706