

Title (en)

METHOD FOR CONTROLLING SHED OPENING OF PILE WARP YARNS IN PILE FABRIC LOOM

Title (de)

VERFAHREN ZUR STEUERUNG DER FACHÖFFNUNG VON FLORKETTGARN AUF EINEM FLORGEWEBEWEBSTUHL

Title (fr)

PROCÉDÉ DE COMMANDE D'OUVERTURE D'ABRI DE FILS DE CHÂÎNE DE VELOURS DANS UN MÉTIER À TISSER LE VELOURS

Publication

**EP 3106554 A2 20161221 (EN)**

Application

**EP 16172375 A 20160601**

Priority

JP 2015120486 A 20150615

Abstract (en)

There is provided a method for controlling shed opening of pile warp yarns in a pile fabric loom. The pile fabric loom includes a plurality of heald frames through which the pile warp yarns are passed, and a plurality of drive devices driving the respective heald frames and forms piles by forward and rearward movement of cloth fell. The method is characterized by setting a shed opening amount of the pile warp yarns at a start of weft insertion in fast picking larger than a shed opening amount of the pile warp yarns at a start of weft insertion in loose picking.

IPC 8 full level

**D03D 39/22** (2006.01); **D03C 1/14** (2006.01); **D03C 13/00** (2006.01); **D03D 49/14** (2006.01)

CPC (source: CN EP)

**D03C 13/025** (2013.01 - EP); **D03D 27/06** (2013.01 - CN); **D03D 39/00** (2013.01 - CN); **D03D 39/226** (2013.01 - EP); **D03D 49/14** (2013.01 - EP)

Citation (applicant)

- JP 2001131845 A 20010515 - TSUDAKOMA IND CO LTD
- JP H10130988 A 19980519 - TOYODA AUTOMATIC LOOM WORKS

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 3106554 A2 20161221**; **EP 3106554 A3 20170215**; **EP 3106554 B1 20180509**; CN 106245200 A 20161221; CN 106245200 B 20180703; JP 2017002449 A 20170105; JP 6269587 B2 20180131

DOCDB simple family (application)

**EP 16172375 A 20160601**; CN 201610416868 A 20160614; JP 2015120486 A 20150615