

Title (en)

IMPROVED SYSTEM FOR GRIPPING/RELEASING THE WEFT THREAD IN A PROJECTILE WEAVING LOOM

Title (de)

VERBESSERTES SYSTEM ZUM GREIFEN/FREIGEBEN DES SCHUSSFADENS IN EINER PROJEKTILWEBMASCHINE

Title (fr)

SYSTÈME AMÉLIORÉ POUR SAISIR/LIBÉRER LE FIL DE TRAME DANS UN MÉTIER À TISSER À PROJECTILE

Publication

EP 3415671 B1 20200401 (EN)

Application

EP 18176734 A 20180608

Priority

IT 201700066823 A 20170615

Abstract (en)

[origin: EP3415671A1] Improved system for gripping/releasing the weft threads in a projectile weaving loom, wherein each of the projectiles (P) comprises, housed therein, a gripping lever (1) and a releasing lever (3) pivoted to the body of the projectile (P) and movable between a weft thread gripping position, a weft thread clamping position and a weft thread releasing position. The rotation movement of the gripping lever (1) and of the releasing lever (3), against the action of thrust means (M), is caused by the contact between a portion (lps, 8) of said gripping and releasing levers (1, 3) and respective fixed slides (S1, S2) arranged along a portion of the projectile guide track (P), before the inlet and after the outlet of the shed.

IPC 8 full level

D03J 5/06 (2006.01)

CPC (source: CN EP)

D03J 5/06 (2013.01 - CN EP)

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 3415671 A1 20181219; EP 3415671 B1 20200401; CN 109137238 A 20190104; CN 109137238 B 20210625; IT 201700066823 A1 20181215; JP 2019011541 A 20190124; JP 6971916 B2 20211124

DOCDB simple family (application)

EP 18176734 A 20180608; CN 201810616356 A 20180615; IT 201700066823 A 20170615; JP 2018110870 A 20180611