

Title (en)
GRIPPER HEAD OF A WEAVING MACHINE

Title (de)
GREIFERKOPF EINER WEBMASCHINE

Title (fr)
TÊTE DE PINCE D'UN MÉTIER À TISSER

Publication
EP 2464768 A1 20120620 (DE)

Application
EP 10744843 A 20100706

Priority
• DE 102009037127 A 20090811
• DE 2010000775 W 20100706

Abstract (en)
[origin: WO2011018062A1] The invention relates to a gripper head (1) of a weaving machine, comprising a clamping device (2) for a band-shaped weft material (8) to be inserted into a shed of the weaving machine. The clamping device (2) comprises a stationary clamping jaw (3) and a clamping jaw (4) that is loaded by a spring (5) and movable about a rotational axis (6), each clamping jaw having a clamping surface (7), wherein the movable clamping jaw (4) can be activated by a control means (9) in order to open the clamping device (2). The gripper head (1) comprises a frame (10), wherein the clamping surfaces (7) are arranged substantially outside of the frame (10) and the spring (5) and the rotational axis (6) are arranged inside the frame (10).

IPC 8 full level
D03D 47/23 (2006.01)

CPC (source: EP US)
D03D 41/008 (2013.01 - EP US); **D03D 47/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2011018062A1

Cited by
EP3916140A1; US11795589B2

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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102009037127 A1 20110217; BR 112012002856 A2 20190924; CN 102471957 A 20120523; CN 102471957 B 20141105; EP 2464768 A1 20120620; EP 2464768 B1 20170920; ES 2652184 T3 20180131; JP 2013501858 A 20130117; JP 5497175 B2 20140521; RU 2012108570 A 20130920; RU 2501893 C2 20131220; US 2012125475 A1 20120524; US 8656962 B2 20140225; WO 2011018062 A1 20110217

DOCDB simple family (application)
DE 102009037127 A 20090811; BR 112012002856 A 20100706; CN 201080035673 A 20100706; DE 2010000775 W 20100706; EP 10744843 A 20100706; ES 10744843 T 20100706; JP 2012524106 A 20100706; RU 2012108570 A 20100706; US 201013387769 A 20100706