

Title (en)
METHOD FOR CONNECTING AT LEAST TWO COMPONENTS BY MEANS OF A SELF-PIERCING RIVET DEVICE AND MANUFACTURING EQUIPMENT

Title (de)
VERFAHREN ZUM VERBINDEN WENIGSTENS ZWEIER BAUTEILE MITTELS EINER STANZNIETVORRICHTUNG UND FERTIGUNGSEINRICHTUNG

Title (fr)
PROCÉDÉ DE LIAISON D'AU MOINS DEUX COMPOSANTS AU MOYEN D'UN DISPOSITIF DE RIVETAGE ET DISPOSITIF DE FABRICATION

Publication
EP 3117924 B1 20190807 (DE)

Application
EP 16172785 A 20160603

Priority
DE 102015213436 A 20150717

IPC 8 full level
B21J 15/02 (2006.01); **B21J 15/12** (2006.01); **B21J 15/28** (2006.01)

CPC (source: EP)
B21J 15/025 (2013.01); **B21J 15/12** (2013.01); **B21J 15/285** (2013.01)

Cited by
CN106984760A; EP3178583A3; CN110017319A; WO2022021828A1

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 3117924 A1 20170118; EP 3117924 B1 20190807; DE 102015213436 A1 20170119

DOCDB simple family (application)
EP 16172785 A 20160603; DE 102015213436 A 20150717