

Title (en)

METHOD FOR CRIMPING A RING ON A FIXING BOLT BY AN AUTOMATON

Title (de)

VERFAHREN ZUM CRIMPEN EINES RINGS AUF EINER BEFESTIGUNGSBOLZEN MITHILFE EINES AUTOMATEN

Title (fr)

PROCÉDÉ DE SERTISSAGE D'UNE BAGUE SUR UNE TIGE DE FIXATION PAR UN AUTOMATE

Publication

EP 3031549 B1 20200219 (FR)

Application

EP 15198404 A 20151208

Priority

FR 1462238 A 20141211

Abstract (en)

[origin: US2016167110A1] A method for crimping, by means of an automaton, a ring on an attachment rod extending along an axis of the attachment rod from a panel, includes moving a movement clip of the automaton that grips the ring so that the attachment rod is introduced into the ring, moving a crimping nose of the automaton so as to prevent the removal of the ring from the attachment rod, releasing the ring, and moving the crimping nose so as to crimp said ring on said attachment rod.

IPC 8 full level

B21J 15/02 (2006.01); **B21J 15/32** (2006.01)

CPC (source: EP US)

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Cited by

US11027326B2; WO2017089418A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3031549 A1 20160615; **EP 3031549 B1 20200219**; BR 102015031176 A2 20160614; CA 2914160 A1 20160611; FR 3029818 A1 20160617; FR 3029818 B1 20170113; US 2016167110 A1 20160616; US 9737925 B2 20170822

DOCDB simple family (application)

EP 15198404 A 20151208; BR 102015031176 A 20151211; CA 2914160 A 20151208; FR 1462238 A 20141211; US 201514961615 A 20151207