

Title (en)
Riveting process

Title (de)
Nietverfahren

Title (fr)
Procédé de rivetage

Publication
EP 1772088 A1 20070411 (FR)

Application
EP 06291550 A 20061004

Priority
FR 0510336 A 20051010

Abstract (en)
The riveting together of two elements (1, 2) comprises a preparation step in which the first element is applied against the second element and an introduction step in which a rivet (3) is driven through the elements. Between these two steps is a presentation step during in a penetration surface (6) for the rivet is thrust against a part of the surface of the first element. The penetration surface is formed so that during the introduction step, the rivet drives a part of the surface in a manner to wedge a part of the volume (11) of the first element between the rivet and the second element.

IPC 8 full level
A47J 45/06 (2006.01); **B21J 15/02** (2006.01)

CPC (source: EP US)
B21J 15/02 (2013.01 - EP US); **B21J 15/025** (2013.01 - EP US); **Y10T 29/49908** (2015.01 - EP US); **Y10T 29/49943** (2015.01 - EP US); **Y10T 29/49956** (2015.01 - EP US)

Citation (search report)

- [A] FR 2683136 A1 19930507 - BERROD SA [FR]
- [A] FR 1141545 A 19570903
- [A] US 3313022 A 19670411 - LEONHART DONALD F

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CN101678437A; CN103807262A; CN101803858A; CN113290197A; WO2008157086A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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