

Title (en)

A device especially for mechanisation of riveting processes of a set of turbines of internal combustion.

Title (de)

Vorrichtung insbesondere zur Mechanisierung von Nietvorgängen eines Satzes von Turbinen eines Verbrennungsmotors

Title (fr)

Dispositif en particulier pour la mécanisation des processus de rivetage d'un ensemble de turbines à combustion interne.

Publication

EP 2992980 A1 20160309 (EN)

Application

EP 14460124 A 20141219

Priority

PL 40940114 A 20140908

Abstract (en)

A device especially for mechanisation of riveting processes of sets of turbines of internal combustion, in presented device, characteristic in that, the device is equipped with changeable bended arm clamp (4), placed on the sling (5) ended on the other side of rotary arm (6).

IPC 8 full level

B21J 15/30 (2006.01); **B21J 15/08** (2006.01); **B21J 15/10** (2006.01); **B21J 15/14** (2006.01); **B21J 15/24** (2006.01)

CPC (source: EP)

B21J 15/10 (2013.01); **B21J 15/145** (2013.01); **B21J 15/24** (2013.01); **B21J 15/30** (2013.01)

Citation (applicant)

- PL 359889 A1 20031117 - NEWFREY LLC [US]
- PL 345965 A1 20010924 - GESIPA BLINDNIETTECHNIK [DE]
- PL 377909 A1 20070514 - O & SACUTE RODEK BADAWCZO ROZW [PL]
- WO 2013053350 A1 20130418 - PREMIUM AEROTEC GMBH
- WO 2007090682 A2 20070816 - WUERTH ADOLF GMBH & CO KG [DE], et al
- WO 03061869 A1 20030731 - HONDA MOTOR CO LTD [JP], et al

Citation (search report)

- [I] DE 3043149 A1 19820603 - DAIMLER BENZ AG [DE]
- [A] US 1403529 A 19220117 - WENTWORTH WILLIAM O
- [A] US 1791505 A 19310210 - CONRAD KNOTH
- [A] EP 1170073 A1 20020109 - EMHART INC [US]
- [A] US 2012210550 A1 20120823 - SWINFORD MARK DOUGLAS [US]
- [A] CN 203526453 U 20140409 - QIHAO AUTOMOBILE SYSTEM SUZHOU CO LTD
- [A] WO 2006124086 A1 20061123 - TETRON INC [US], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2992980 A1 20160309; PL 409401 A1 20160314

DOCDB simple family (application)

EP 14460124 A 20141219; PL 40940114 A 20140908