

Title (en)
TOOL FOR FORMING AND RELEASING LASHING

Title (de)
WERKZEUG FÜR FORMUNG UND FREISETZUNG VERZURRUNGEN

Title (fr)
OUTIL POUR FORMER ET DÉFAIRE DES ATTACHES

Publication
EP 3006134 A4 20160608 (EN)

Application
EP 14808104 A 20140603

Priority
• ES 201300538 A 20130603
• ES 2014070451 W 20140603

Abstract (en)
[origin: EP3006134A1] Tool for metallic wire tying and untying, comprising a resistant elongated body, defining between the end sections thereof two tubular channels (1) which open into the outside area through said end sections (2), at least, and extends from the opposite end section into a coaxial pin (6)

IPC 8 full level
B21F 15/04 (2006.01)

CPC (source: EP MX US)
B21F 15/04 (2013.01 - EP MX US)

Citation (search report)
• [XYI] US 2008092982 A1 20080424 - ERICKSON CHARLES E [US]
• [XI] US 4074732 A 19780221 - WILKENS KENNETH A
• [I] WO 2007106572 A2 20070920 - POOLE TRENT D [US]
• [I] US 450671 A 18910421
• [I] WO 2006014306 A1 20060209 - BRIGHAM & WOMENS HOSPITAL [US], et al
• [XI] WO 2007119057 A1 20071025 - ROYAL BROMPTON AND HAREFIELD N [GB], et al
• [X] US 5887631 A 19990330 - EATON ALAN D [US]
• [Y] US 5462098 A 19951031 - MURAKAMI SABURO [JP]
• See references of WO 2014195549A1

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 3006134 A1 20160413; EP 3006134 A4 20160608; AU 2014276738 A1 20160128; BR 112015029603 A2 20170725;
CA 2913651 A1 20141211; CN 105377467 A 20160302; EA 201501182 A1 20160630; ES 2526258 A2 20150108; ES 2526258 B2 20151006;
ES 2526258 R2 20150114; JP 2016522127 A 20160728; MX 2015016082 A 20160726; US 2016096217 A1 20160407;
WO 2014195549 A1 20141211; ZA 201600025 B 20170531

DOCDB simple family (application)
EP 14808104 A 20140603; AU 2014276738 A 20140603; BR 112015029603 A 20140603; CA 2913651 A 20140603;
CN 201480030974 A 20140603; EA 201501182 A 20140603; ES 201300538 A 20130603; ES 2014070451 W 20140603;
JP 2016516210 A 20140603; MX 2015016082 A 20140603; US 201414893326 A 20140603; ZA 201600025 A 20160104