

Title (en)
SYSTEM FOR RIVET FASTENING

Title (de)
SYSTEM FÜR NIETBEFESTIGUNG

Title (fr)
SYSTÈME DE FIXATION DE RIVETS

Publication
EP 2922650 A4 20160914 (EN)

Application
EP 12888910 A 20121126

Priority
US 2012000561 W 20121126

Abstract (en)
[origin: WO2014081404A1] A system and method for rivet setting comprising an anvil having an anvil face, a plunger having a sensor coupled to a control system that measures the distance between the anvil face and the work surface during the rivet setting process and stops the rivet driver when the driven rivet head achieves a desired head height above the work surface. In preferred embodiments, the control system also communicates the stage of the rivet driving cycle to the operators to expedite the rivet driving process.

IPC 8 full level
B21J 15/00 (2006.01); **B21J 15/02** (2006.01); **B21J 15/28** (2006.01)

CPC (source: EP)
B21J 15/02 (2013.01); **B21J 15/285** (2013.01)

Citation (search report)

- [Y] US 4995148 A 19910226 - BONOMI GIOVANNI B [US], et al
- [Y] WO 2005007319 A1 20050127 - BALTEC MASCHB AG [CH], et al
- [Y] EP 0826443 A2 19980304 - BALTEC MASCHINENBAU AG [CH]
- [Y] US 4885836 A 19891212 - BONOMI GIOVANNI B [US], et al
- [Y] US 3574918 A 19710413 - FOCHT HARRY P
- [Y] JP 2003340619 A 20031202 - MAKITA CORP
- [Y] US 2011114346 A1 20110519 - SUZUKI HITOSHI [JP], et al
- See also references of WO 2014081404A1

Cited by
EP4327959A1

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

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