

Title (en)

FORGING DEVICE AND FORGING METHOD

Title (de)

SCHMIEDEVORRICHTUNG UND SCHMIEDEVERFAHREN

Title (fr)

DISPOSITIF À FORGER ET PROCÉDÉ DE FORGEAGE

Publication

EP 2952273 A4 20160323 (EN)

Application

EP 13873655 A 20131203

Priority

- JP 2013015916 A 20130130
- JP 2013082464 W 20131203

Abstract (en)

[origin: EP2952273A1] In a forging device including a rotating table and a shaping roller, which forging device forges a workpiece such that an outer peripheral surface of the shaping roller is pressed against an end surface of the workpiece in a central-axis direction of the workpiece while the workpiece is rotated by the rotating table, the shaping roller is placed apart from a rotation axis, and a position of that end of the outer peripheral surface of the shaping roller which is opposite to a rotation-axis side in a central-axis direction of the shaping roller is placed at an outer side in a radial direction of the workpiece relative to a position of an outer peripheral surface of the workpiece that has been forged.

IPC 8 full level

B21H 1/18 (2006.01); **B21D 22/16** (2006.01); **B21D 53/26** (2006.01); **B21J 5/06** (2006.01); **B21J 5/08** (2006.01); **B21K 21/06** (2006.01); **B21K 21/16** (2006.01); **B21K 23/04** (2006.01)

CPC (source: EP US)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2014119120A1

Cited by

FR3083463A1; US11684967B2

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 2952273 A1 20151209; **EP 2952273 A4 20160323**; BR 112015018258 A2 20170718; CN 104968450 A 20151007; JP 2014144481 A 20140814; KR 20150103187 A 20150909; RU 2015131210 A 20170303; US 2015352629 A1 20151210; WO 2014119120 A1 20140807

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EP 13873655 A 20131203; BR 112015018258 A 20131203; CN 201380071753 A 20131203; JP 2013015916 A 20130130; JP 2013082464 W 20131203; KR 20157020584 A 20131203; RU 2015131210 A 20131203; US 201314764699 A 20131203