

Title (en)
Method for manufacturing hole saws

Title (de)
Verfahren zur Herstellung von Lochsägen

Title (fr)
Procédé de fabrication de scies d'entrée

Publication
EP 2135697 A3 20141203 (DE)

Application
EP 09007874 A 20090616

Priority
DE 102008029249 A 20080619

Abstract (en)
[origin: EP2135697A2] The method involves hardening a flat material (3) in form of a band with saw tooth provided between tip of a tooth line and a connecting line arranged below the depth of tooth. The saw tooth is transformed permanently to a circular-cylindrical base by a round bend device. An independent claim is included for a round bend device for the execution of a manufacturing method.

IPC 8 full level
B23D 65/00 (2006.01); **B23B 51/04** (2006.01); **B28D 1/04** (2006.01)

CPC (source: EP)
B21D 5/10 (2013.01); **B21D 5/14** (2013.01); **B21D 11/10** (2013.01); **B23D 65/00** (2013.01)

Citation (search report)

- [I] WO 2004112998 A2 20041229 - IRWIN IND TOOL CO [US], et al
- [XY] JP S5031111 B1 19751007
- [X] US 2995171 A 19610808 - CHRISTIAN HAUSLER
- [Y] US 3920173 A 19751118 - SALATA DARIO
- [XAI] FLEHMIG T ET AL: "T3 profiling technology - a precondition for the increased use of hollow steel sections in motor vehicles", THYSSENKRUPP TECHFORUM - ENGLISH EDITION, THYSSENKRUPP, DUSSELDORF, DE, no. 1, 1 January 2007 (2007-01-01), pages 14 - 21, XP001519900, ISSN: 1612-2771

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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