

Title (en)

Press tool and method for producing a press tool

Title (de)

Presswerkzeug sowie Verfahren zur Herstellung eines Presswerkzeuges

Title (fr)

Outil de presse, ainsi que procédé de fabrication d'un outil de presse

Publication

**EP 2832868 B1 20210616 (DE)**

Application

**EP 14002359 A 20140709**

Priority

DE 102013108162 A 20130730

Abstract (en)

[origin: US2015033524A1] A method for manufacturing a pressing tool includes shaping a blank, which is able to be hardened, at least in part, to a final size of a pressing jaw. Then, a laser beam is applied to at least one selected region of a surface of the pressing jaw so as to form at least one hardened surface layer.

IPC 8 full level

**C21D 9/00** (2006.01); **B21D 39/04** (2006.01); **B21D 53/00** (2006.01); **B23K 26/00** (2014.01); **B25B 27/10** (2006.01); **C21D 1/09** (2006.01)

CPC (source: EP US)

**B21D 39/048** (2013.01 - US); **B25B 27/10** (2013.01 - EP US); **C21D 1/09** (2013.01 - EP US); **C21D 9/0068** (2013.01 - EP US); **Y10T 29/53726** (2015.01 - EP US)

Cited by

WO2023126033A1; EP3162457A1; WO2021028504A1

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

DOCDB simple family (publication)

**EP 2832868 A2 20150204**; **EP 2832868 A3 20150401**; **EP 2832868 B1 20210616**; AU 2014208208 A1 20150219; AU 2014208208 B2 20171214; DE 102014109535 A1 20150205; ES 2881262 T3 20211129; PL 2832868 T3 20211213; US 2015033524 A1 20150205; US 9597722 B2 20170321

DOCDB simple family (application)

**EP 14002359 A 20140709**; AU 2014208208 A 20140730; DE 102014109535 A 20140708; ES 14002359 T 20140709; PL 14002359 T 20140709; US 201414446401 A 20140730