

Title (en)

PRESS TOOLING FOR SHEET METAL OF RELATIVELY LARGE DIMENSIONS, NOTABLY FOR MOTOR VEHICLES

Title (de)

PRESSWERKZEUG FÜR METALLBLECH MIT RELATIV GROSSEN ABMESSUNGEN, INSBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)

OUTILLAGE D'EMBOUTISSAGE DE TOLES DE RELATIVEMENT GRANDES DIMENSIONS NOTAMMENT POUR VÉHICULE AUTOMOBILE

Publication

EP 3538292 A1 20190918 (FR)

Application

EP 17794004 A 20171012

Priority

- FR 1660949 A 20161114
- FR 2017052806 W 20171012

Abstract (en)

[origin: WO2018087441A1] The abstract relates to press tooling for pressing sheet metal of relatively large dimensions notably for motor vehicles. According to the invention, the press tooling is characterized in that the vertical posts (9) of the clamp (8) are each able to comprise, between their end and the corresponding socket (12) at least one foil (19) allowing elastic deformation of the clamp (8) by the press and the press rods so as to ensure uniform clamping of the sheet over the entire bearing surface (10) of the clamp (8). The invention finds an application in the automotive industry.

IPC 8 full level

B21D 24/04 (2006.01); **B21D 24/02** (2006.01); **B21D 53/88** (2006.01)

CPC (source: EP)

B21D 24/02 (2013.01); **B21D 24/04** (2013.01); **B21D 53/88** (2013.01)

Citation (search report)

See references of WO 2018087441A1

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)

WO 2018087441 A1 20180517; EP 3538292 A1 20190918; EP 3538292 B1 20201209; ES 2857681 T3 20210929; FR 3058656 A1 20180518; FR 3058656 B1 20181123

DOCDB simple family (application)

FR 2017052806 W 20171012; EP 17794004 A 20171012; ES 17794004 T 20171012; FR 1660949 A 20161114