

Title (en)

BENDING TOOL FOR MOTOR VEHICLE CROSSMEMBER

Title (de)

BIEGEWERKZEUG FÜR KRAFTFAHRZEUGQUERTRÄGER

Title (fr)

OUTIL DE CINTRAGE POUR TRAVERSE DE VEHICULE AUTOMOBILE

Publication

**EP 3445511 B1 20200219 (FR)**

Application

**EP 17712489 A 20170321**

Priority

- FR 1653522 A 20160421
- EP 2017056698 W 20170321

Abstract (en)

[origin: WO2017182218A1] The invention relates to a bending tool (2) for bending profile sections (4) to form impact-absorbing crossmembers for motor vehicles. The tool (2) comprises a first support (6), notably a lower support, and a second support (8), notably an upper support, both mounted on a press. The tool (2) comprises bending bodies fixed removably to their supports. Thus, the bending bodies can be interchanged so as to be able to shape different profile sections (4), but also so as to be able to create different shapes of crossmember from one and the same profile section (4). Therefore, the supports and the intermediate blocks, if any, can be kept for producing different products, encouraging an economy on bending tools (2) in the context of the production of different models of vehicles.

IPC 8 full level

**B21D 7/06** (2006.01); **B21D 53/88** (2006.01)

CPC (source: EP)

**B21D 7/06** (2013.01); **B21D 7/066** (2013.01); **B21D 53/88** (2013.01)

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)

**WO 2017182218 A1 20171026**; CN 109789462 A 20190521; CN 109789462 B 20210427; EP 3445511 A1 20190227; EP 3445511 B1 20200219; ES 2775786 T3 20200728; FR 3050389 A1 20171027; FR 3050389 B1 20180824

DOCDB simple family (application)

**EP 2017056698 W 20170321**; CN 201780025155 A 20170321; EP 17712489 A 20170321; ES 17712489 T 20170321; FR 1653522 A 20160421