

Title (en)

METHOD FOR PRODUCING A MOTOR VEHICLE RIM MADE OF ALUMINIUM OR ALUMINIUM ALLOY FOR A WHEEL OF A MOTOR VEHICLE AND A CORRESPONDING DEVICE FOR PRODUCING A MOTOR VEHICLE RIM

Title (de)

VERFAHREN ZUM HERSTELLEN EINER KRAFTWAGENFELGE AUS ALUMINIUM ODER EINER ALUMINIUMLEGIERUNG FÜR EIN RAD EINES KRAFTFAHRZEUGS SOWIE ENTSPRECHENDE VORRICHTUNG ZUM HERSTELLEN EINER KRAFTWAGENFELGE

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE JANTE DE VÉHICULE AUTOMOBILE EN ALUMINIUM OU EN ALLIAGE D'ALUMINIUM POUR UNE ROUE D'UN VÉHICULE AUTOMOBILE ET DISPOSITIF CORRESPONDANT DE PRODUCTION D'UNE JANTE DE VÉHICULE AUTOMOBILE

Publication

EP 4090543 A1 20221123 (DE)

Application

EP 20821183 A 20201208

Priority

- DE 102020100702 A 20200114
- EP 2020085021 W 20201208

Abstract (en)

[origin: WO2021144072A1] The invention relates to a method for producing a motor vehicle rim (2) made of aluminium or an aluminium alloy for a wheel of a motor vehicle, the motor vehicle rim (2) having a rim base (3) bounded on opposite sides by an outer horn (7) and an inner horn (8), a hub (5) with a central recess and a hole circle, and a rim centre (4) connecting the rim base (3) and the hub (5) to one another. According to the invention, the motor vehicle rim (2) is produced in one piece and continuously in a casting mould by pressure casting of a casting material, wherein after the casting material has been introduced into the casting mould (9), a volume of the casting mould (9) is reduced for post-compaction of the casting material. The invention further relates to a device (1) for producing a motor vehicle rim (2).

IPC 8 full level

B60B 3/06 (2006.01); **B60B 3/10** (2006.01)

CPC (source: EP US)

B21D 53/30 (2013.01 - US); **B60B 3/06** (2013.01 - EP); **B60B 3/10** (2013.01 - EP); **B60B 2310/202** (2013.01 - EP); **B60B 2360/104** (2013.01 - EP); **B60B 2900/113** (2013.01 - EP); **Y02T 10/86** (2013.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020100702 A1 20210715; CN 115003518 A 20220902; EP 4090543 A1 20221123; US 11911818 B2 20240227; US 2023022011 A1 20230126; WO 2021144072 A1 20210722

DOCDB simple family (application)

DE 102020100702 A 20200114; CN 202080093886 A 20201208; EP 2020085021 W 20201208; EP 20821183 A 20201208; US 202017787721 A 20201208