

Title (en)

HOUSING WITH A BORE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

MASCHINENGEHÄUSE MIT EINER BOHRUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

CARTER DE MOTEUR POURVU D'UN ALÉSAGE POUR UN MOTEUR À COMBUSTION INTERNE

Publication

**EP 2828035 A1 20150128 (DE)**

Application

**EP 13709124 A 20130314**

Priority

- DE 102012204483 A 20120321
- EP 2013055220 W 20130314

Abstract (en)

[origin: WO2013139674A1] The invention relates to a housing with a bore for an internal combustion engine, which is formed by at least two bore sections which are at a distance from each other, in particular a bearing track in a crankcase or a cylinder head of the internal combustion engine. A rotating, machining tool is provided to machine the bore, said tool being introduced into the bore by axial displacement and the bore being used as a thrust bearing for the tool for radially supporting the tool. The thrust bearing is embodied as a single piece with the housing. The claimed housing reduces the mechanical expenditure for machining the bore.

IPC 8 full level

**B24B 33/02** (2006.01); **F02F 1/00** (2006.01); **F02F 7/00** (2006.01)

CPC (source: CN EP US)

**B24B 33/02** (2013.01 - CN EP US); **F02F 7/0021** (2013.01 - US); **F02B 2075/025** (2013.01 - EP US); **F02F 1/24** (2013.01 - CN EP US); **F02F 7/0007** (2013.01 - US); **F02F 7/0012** (2013.01 - US); **F02F 7/0053** (2013.01 - US); **F05C 2201/021** (2013.01 - US)

Citation (search report)

See references of WO 2013139674A1

Citation (examination)

DE 1131945 B 19620620 - PORSCHE KG

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)

**DE 102012204483 A1 20130926**; CN 104114321 A 20141022; EP 2828035 A1 20150128; US 2015000628 A1 20150101; US 9303585 B2 20160405; WO 2013139674 A1 20130926

DOCDB simple family (application)

**DE 102012204483 A 20120321**; CN 201380009140 A 20130314; EP 13709124 A 20130314; EP 2013055220 W 20130314; US 201414489709 A 20140918