

Title (en)

MONOBLOC DEVICE FOR SUPPORTING A POWERPLANT, INCORPORATING A CONNECTING-SHAFT BEARING

Title (de)

MONOBLOCK ZUR UNTERSTÜTZUNG EINES KRAFTWERKS MIT EINEM VERBINDUNGSWELLENLAGER

Title (fr)

DISPOSITIF MONOBLOC DE SUPPORT D'UN GROUPE MOTOPROPULSEUR INTEGRANT UN PALIER RELAIS

Publication

**EP 3652009 A1 20200520 (FR)**

Application

**EP 18748971 A 20180614**

Priority

- FR 1756487 A 20170710
- FR 2018051401 W 20180614

Abstract (en)

[origin: WO2019012194A1] The invention relates to a monobloc device (40) for supporting a motor vehicle powerplant (10), which comprises:  
– a support arm (42); a fixing mount (44) which is arranged at a first end of the support arm (42) and which is intended to be fixed rigidly to the powerplant (10); and – a suspension annulus (48) of determined main axis (A), which is arranged at a second end of the support arm (42) and which is intended to be fixed to a structural element (38) of the vehicle with the interposition of a damping ring (50); characterized in that the support arm (42) comprises a connecting-shaft bearing (52) through which a transmission shaft (22) of the powerplant (10) is intended to pass intended to support said shaft.

IPC 8 full level

**B60K 1/00** (2006.01); **B60K 5/00** (2006.01); **B60K 17/24** (2006.01)

CPC (source: EP KR RU US)

**B60K 1/00** (2013.01 - EP KR RU US); **B60K 5/00** (2013.01 - EP RU); **B60K 5/12** (2013.01 - KR US); **B60K 5/1208** (2013.01 - US);  
**B60K 17/24** (2013.01 - EP KR RU); **B60K 17/24** (2013.01 - US); **B60K 2001/001** (2013.01 - EP KR US); **B60Y 2200/91** (2013.01 - EP KR US);  
**F16C 35/00** (2013.01 - US)

Citation (search report)

See references of WO 2019012194A1

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 2019012194 A1 20190117**; BR 112020000389 A2 20200714; CN 110891811 A 20200317; EP 3652009 A1 20200520;  
FR 3068649 A1 20190111; FR 3068649 B1 20211126; JP 2020527501 A 20200910; JP 6939977 B2 20210922; KR 20200026988 A 20200311;  
RU 2020105819 A 20210810; RU 2020105819 A3 20210830; RU 2758728 C2 20211101; US 11186156 B2 20211130;  
US 2021078396 A1 20210318

DOCDB simple family (application)

**FR 2018051401 W 20180614**; BR 112020000389 A 20180614; CN 201880046297 A 20180614; EP 18748971 A 20180614;  
FR 1756487 A 20170710; JP 2020500841 A 20180614; KR 20207003938 A 20180614; RU 2020105819 A 20180614;  
US 201816629705 A 20180614