

Title (en)

IMPACT-ABSORBING SYSTEM FOR A MOTOR VEHICLE

Title (de)

STOSSDÄMPFENDE STRUKTUR FÜR EIN KRAFTFAHRZEUG

Title (fr)

SYSTEME D'ABSORPTION DE CHOC POUR VEHICULE AUTOMOBILE

Publication

**EP 3724012 A1 20201021 (FR)**

Application

**EP 18822026 A 20181211**

Priority

- FR 1761879 A 20171211
- EP 2018084408 W 20181211

Abstract (en)

[origin: WO2019115552A1] Impact-absorbing system (1) for a motor vehicle equipped with at least one longitudinal member (4) and with a transverse impact beam (5), comprising - an absorber element (3) which is at least partially deformable in an irreversible manner in reaction to an impact, consisting of a plastic and/or composite material, and configured to be arranged between the transverse impact beam (5) and the longitudinal member (4), - a connection element (7) comprising at least one wall having one end (9) for fastening to the impact beam, and another end (11) for fastening to the longitudinal member (4), which end (11) comprises a bearing face (14), the absorber element (3) being held in position by the connection element (7) in abutment with the bearing face (14), - a towing means of the motor vehicle, comprising a one-piece fastening plate (13) comprising a fastening sleeve (15) configured to be coupled with a removable towing element (17), the fastening plate (13) being configured to be secured to the end (11) intended to be fastened to the longitudinal member (4) and/or to be secured to the longitudinal member (4).

IPC 8 full level

**B60D 1/56** (2006.01); **B60R 19/34** (2006.01)

CPC (source: EP)

**B60D 1/565** (2013.01); **B60R 19/34** (2013.01)

Citation (search report)

See references of WO 2019115552A1

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)

**FR 3074750 A1 20190614; FR 3074750 B1 20200710; EP 3724012 A1 20201021; WO 2019115552 A1 20190620**

DOCDB simple family (application)

**FR 1761879 A 20171211; EP 18822026 A 20181211; EP 2018084408 W 20181211**