

Title (en)

Impact damper with dynamic capture device

Title (de)

Anpralldämpfer mit dynamischer Auffangvorrichtung

Title (fr)

Amortisseur de choc doté d'un dispositif d'absorption dynamique

Publication

EP 2312058 A3 20141224 (DE)

Application

EP 10171191 A 20100729

Priority

DE 202009013582 U 20091008

Abstract (en)

[origin: EP2312058A2] The absorber (1) has an absorbing element (3) absorbing a crash of a vehicle in energy consumption due to deformation and/or friction, where the absorbing element is directly or indirectly supported by a dynamic cushion device (2). The cushion device has a rotatably held support element (5) and an attachment unit (6) that is rotatably connected with the support element, where the attachment unit is in direct or indirect contact with the absorbing element. The support element is formed as a straight supporting bar, which is held by a bendable metallic mounting bracket (8).

IPC 8 full level

E01F 15/14 (2006.01)

CPC (source: EP)

E01F 15/146 (2013.01)

Citation (search report)

- [X] EP 1197605 A1 20020417 - ENERGY ABSORPTION SYSTEM [US]
- [A] EP 0738802 A1 19961023 - SNOLINE SPA [IT]
- [A] DE 102004058884 A1 20060608 - SPS SCHUTZPLANKEN GMBH [DE]

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

DE 202009013582 U1 20091217; EP 2312058 A2 20110420; EP 2312058 A3 20141224; EP 2312058 B1 20170621

DOCDB simple family (application)

DE 202009013582 U 20091008; EP 10171191 A 20100729