

Title (en)

DAMPER CUP WITH PARTIALLY DECOUPLED RECESSED AREA

Title (de)

DÄMPFERBECHER MIT TEILWEISE ENTKOPPELTEM AUSGESPARTEM BEREICH

Title (fr)

COUELLE D'AMORTISSEUR À ZONE D'ENCASTREMENT PARTIELLEMENT DÉCOUPLÉE

Publication

EP 3728002 A1 20201028 (FR)

Application

EP 18807570 A 20181113

Priority

- FR 1762583 A 20171220
- EP 2018081021 W 20181113

Abstract (en)

[origin: WO2019120756A1] A cup (1) made of stamped sheet metal forming a hollow support for a damper strut (100) comprises: - a nipple (4), - a fold line (6) of the cup, forming a border between a support base (2) of the cup and edges (3) of the cup, - an upper face (7), - at least one edge (3), the edge(s) (3) of the cup forming a substantially cylindrical or conical portion around a vertical axis (Z), - and at least one recessed portion (8, 9). The upper face (7) of the cup comprises in particular: * a skirt portion (11), and * a substantially horizontal connecting portion (16), connecting the skirt portion (11) and the recessed portion (8, 9). The upper face (7) of the cup is crossed by a line of inflection (20), so as to decouple, at least partially, deformation experienced by the skirt portion and the nipple, from the at least one recessed portion (8, 9).

IPC 8 full level

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CPC (source: EP)

B62D 25/088 (2013.01); **B60G 2204/128** (2013.01); **B60G 2206/60** (2013.01)

Citation (search report)

See references of WO 2019120756A1

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FR 3075105 A1 20190621; **FR 3075105 B1 20210108**; BR 112020010278 A2 20201013; CN 111448126 A 20200724; EP 3728002 A1 20201028; RU 2020123543 A 20220120; RU 2020123543 A3 20220304; WO 2019120756 A1 20190627

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