

Title (en)

SHOCK-ABSORBER ELEMENT FOR A MOTOR VEHICLE

Title (de)

STOSSDÄMPFERELEMENT FÜR EIN KRAFTFAHRZEUG

Title (fr)

ÉLÉMENT ABSORBEUR DE CHOCS POUR VÉHICULE AUTOMOBILE

Publication

**EP 4351953 A1 20240417 (FR)**

Application

**EP 22724812 A 20220503**

Priority

- FR 2106063 A 20210609
- FR 2022050853 W 20220503

Abstract (en)

[origin: WO2022258898A1] The invention relates to a shock-absorber element (13) for a motor vehicle. The shock-absorber element (13) is intended to be assembled on a rear end of a side rail of the motor vehicle. The shock-absorber element (13) comprises a strut (14), an attachment member (15) intended to attach the strut (14) to the side rail of the motor vehicle, and an attachment device (16) intended to attach the strut (14) to a rear panel of the motor vehicle. In the shock-absorber element (13), according to the invention, the strut (14) comprises a deformable device – referred to as the programmed deformation device (18) – configured to dissipate the mechanical energy in the event that the strut (14) is compressed.

IPC 8 full level

**B62D 21/15** (2006.01); **B62D 25/08** (2006.01)

CPC (source: EP)

**B62D 21/152** (2013.01); **B62D 25/08** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3123875 A1 20221216**; CN 117529431 A 20240206; EP 4351953 A1 20240417; WO 2022258898 A1 20221215

DOCDB simple family (application)

**FR 2106063 A 20210609**; CN 202280041171 A 20220503; EP 22724812 A 20220503; FR 2022050853 W 20220503