

Title (en)
ENERGY DISSIPATION DEVICE

Title (de)
ENERGIEVERZEHREINRICHTUNG

Title (fr)
DISPOSITIF D'ABSORPTION D'ÉNERGIE

Publication
EP 3956193 B1 20240117 (DE)

Application
EP 20728995 A 20200518

Priority
• AT 504622019 A 20190520
• EP 2020063857 W 20200518

Abstract (en)
[origin: WO2020234252A1] The invention relates to an energy dissipation device (1) for a rail vehicle, comprising a baffle plate (3), which is designed to absorb and transfer impacting collision forces, a rear plate (4), which is designed to fasten the energy dissipation device to a vehicle structure (2) and at least two buckling plates (5) arranged between the baffle plate (3) and the rear plate (4), the buckling plates (5) being provided with a pre-deformation in the direction of a desired deformation direction, the buckling plates (5) being connected to one another by a pull-push means (6).

IPC 8 full level
B61G 11/16 (2006.01)

CPC (source: AT EP US)
B61D 15/06 (2013.01 - AT); **B61G 11/16** (2013.01 - AT EP US)

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

DOCDB simple family (publication)
WO 2020234252 A1 20201126; AT 522658 A1 20201215; CN 217515160 U 20220930; EP 3956193 A1 20220223; EP 3956193 B1 20240117; PL 3956193 T3 20240610; US 2022250661 A1 20220811

DOCDB simple family (application)
EP 2020063857 W 20200518; AT 504622019 A 20190520; CN 202090000576 U 20200518; EP 20728995 A 20200518; PL 20728995 T 20200518; US 202017612382 A 20200518