

Title (en)

TERMINAL FOR VEHICLE RESTRAINT SYSTEM AND VEHICLE RESTRAINT SYSTEM USING THE SAME

Title (de)

TERMINAL FÜR EIN FAHRZEUGRÜCKHALTESYSTEM UND FAHRZEUGRÜCKHALTESYSTEM HIERMIT

Title (fr)

TERMINAL POUR UN SYSTÈME DE RETENUE DE VÉHICULE ET SYSTÈME DE RETENUE DE VÉHICULE CORRESPONDANT

Publication

EP 4271889 B1 20240131 (DE)

Application

EP 22769106 A 20220819

Priority

- EP 21192485 A 20210820
- EP 2022073260 W 20220819

Abstract (en)

[origin: WO2023021212A1] The invention relates to a terminal having a connection end (3b) for connecting the terminal to a vehicle restraint system (1), the terminal comprising a linear guide (7), which rises in the manner of a ramp toward the connection end (3b) in the longitudinal direction (L) of the terminal (3), and comprising a plurality of damper elements (6), which are disposed one following the other in a row and which are movably mounted on the linear guide (7). According to the invention, in order that impact energy is stably absorbed even in the case of unfavorable impact angles, the damper elements (6) have guide plates (10), and the linear guide (7) in the guide plates (10) guide cutouts (9a, 9b) and has at least two mutually parallel longitudinal profiles (8a, 8b), which pass through said guide cutouts (9a, 9b) for movable mounting of the damper elements (6).

IPC 8 full level

E01F 15/14 (2006.01)

CPC (source: EP)

E01F 15/143 (2013.01); **E01F 15/146** (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

DOCDB simple family (publication)

EP 4137638 A1 20230222; CL 2024000472 A1 20240823; CO 2024001769 A2 20240307; EP 4271889 A1 20231108; EP 4271889 B1 20240131; EP 4271889 C0 20240131; ES 2983179 T3 20241022; HR P20240269 T1 20240524; HU E066088 T2 20240728; MX 2024002196 A 20240312; PL 4271889 T3 20240715; RS 65396 B1 20240430; WO 2023021212 A1 20230223

DOCDB simple family (application)

EP 21192485 A 20210820; CL 2024000472 A 20240216; CO 2024001769 A 20240220; EP 2022073260 W 20220819; EP 22769106 A 20220819; ES 22769106 T 20220819; HR P20240269 T 20220819; HU E22769106 A 20220819; MX 2024002196 A 20220819; PL 22769106 T 20220819; RS P20240379 A 20220819