

Title (en)

Process for manufacturing a shock dampener for road guardrails

Title (de)

Herstellungsverfahren für einen Stoßdämpfer für Straßenleitplanken

Title (fr)

Procédé de fabrication pour un amortisseur pour glissières de sécurité routière

Publication

EP 2159328 A1 20100303 (EN)

Application

EP 08425571 A 20080826

Priority

EP 08425571 A 20080826

Abstract (en)

A shock dampener (1) for road guardrails (2) is described, made of recycled rubber and having a semicylindrical shape; such dampener (1) comprises: at least two elongated arms (3, 4) adapted to engage a respective vertical riser (6) of said guardrail (2), or the horizontal part of said guardrail (2) nearest to the road bottom; a rounded protecting surface (5) that mutually connects said at least two elongated arms (3, 4); and an elongated recess (7) adapted to house said vertical riser (6) of said guardrail (2) or the horizontal part of said guardrail (2), allowing its engagement with said at least two elongated arms (3, 4). A process for manufacturing such shock dampener (1) is further described.

IPC 8 full level

E01F 15/14 (2006.01); **E04H 12/22** (2006.01)

CPC (source: EP)

E01F 15/0461 (2013.01); **E01F 15/141** (2013.01)

Citation (applicant)

- WO 2007036593 A1 20070405 - RAYON CARLOS [ES]
- FR 2622914 A1 19890512 - BERGOUNHOX MARCEL [FR], et al
- EP 1762659 A1 20070314 - EUROSUOLE SPA [IT]
- WO 0210517 A1 20020207 - LLERA CASTEL FERNANDO [ES]
- US 6257557 B1 20010710 - ANDERSON DENNIS RONALD [US], et al
- EP 1382747 A2 20040121 - ALCOA EXTRUSION NAVARRA S L [ES]
- DE 3330123 A1 19831222 - LEERS ROLF PETER

Citation (search report)

- [XY] EP 1295993 A1 20030326 - MOBIL CASTILLA 2000 SL [ES]
- [Y] WO 9963162 A1 19991209 - GENSHAW LTD [GB], et al
- [A] ES 2186546 A2 20030501 - INNOVACION EN DISEÑO INTEGRAL [ES]
- [A] DE 20116169 U1 20030213 - P V P POLYMER VERARBEITUNG UND [DE]
- [A] US 4183505 A 19800115 - MAESTRI FREDERICK A [US]
- [A] WO 9900550 A1 19990107 - HOTCHKIN DARREN JOHN [AU]
- [A] AU 2005203440 A1 20050825 - DARREN HOTCHKIN
- [A] CA 2015765 A1 19911031 - MINTZ GERHARD [CA]

Citation (examination)

- WO 2005103389 A1 20051103 - RACK ARMOUR LTD [GB], et al
- US 5429449 A 19950704 - BAATZ GUENTER A [CA]
- WO 0028147 A1 20000518 - ILVA PALI DLAMINE S R L [IT], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2159328 A1 20100303

DOCDB simple family (application)

EP 08425571 A 20080826