

Title (en)

Safety device with impact absorption for road shoulders

Title (de)

Sicherheitsvorrichtung mit Stoßdämpfung zur Begrenzung des Strassenrands

Title (fr)

Dispositif de sécurité à absorption de choc pour accotement de route

Publication

EP 2722442 A1 20140423 (FR)

Application

EP 13188740 A 20131015

Priority

FR 1260021 A 20121022

Abstract (en)

The device (1) has a front longitudinal rail that is supported by a series of posts (5) drawn from the ground. Each post is allowed to rest on a shoe (2) or thick metal plate that is completely distinct from the ground such that the device moves back on the ground while slipping under the effect of a frontal shock exceeding a certain threshold. A dorsal basket (8) is placed above the shoe, where the dorsal bracket forms a receptacle to receive more or less heavy ballasting loads. The basket is fixed firmly at the posts.

Abstract (fr)

Dispositif de sécurité à absorption de choc (1) pour accotement de route, par exemple pour autoroute ou circuit automobile, comportant au moins un rail longitudinal frontal supporté par une série de poteaux (5) dressés à partir du sol, caractérisé en ce que chaque poteau (5) repose sur un patin (2) totalement désolidarisé du sol de sorte que, sous l'effet d'un choc frontal dépassant un certain seuil, le dispositif de sécurité (1) recule sur le sol en glissant.

IPC 8 full level

E01F 15/04 (2006.01)

CPC (source: EP)

E01F 15/0438 (2013.01); **E01F 15/0461** (2013.01)

Citation (search report)

- [A] DE 8805021 U1 19880623
- [A] US 2047991 A 19360721 - MARTIN WILLIAM C
- [A] DE 10318357 A1 20040129 - SPIG SCHUTZPLANKEN PROD GMBH [DE]
- [A] DE 3813706 A1 19891109 - SPS SCHUTZPLANKEN GMBH [DE]

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CN114846205A; DE102015115767A1; DE102015115764A1; DE102015115768A1; US10597834B2

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)

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