

Title (en)

Road security barrier comprising deformable spacers

Title (de)

Strassenleitplanke mit verformbaren Abstandshaltern

Title (fr)

Barrière de sécurité pour voies de circulation de véhicules, comprenant des écarteurs déformables

Publication

**EP 1391558 B1 20080806 (FR)**

Application

**EP 03292044 A 20030819**

Priority

FR 0210419 A 20020820

Abstract (en)

[origin: EP1391558A1] The security barrier has vertical posts (1) supporting a horizontal rail (B). The rail is attached to the posts by a bracket (31) which is flexible to absorb impact. The bracket allows the rail to move toward the post under impact for a limited distance, when the rail presses against a rigid rail (32) mounted directly on the posts. The impact is then further absorbed by bending of the posts.

IPC 8 full level

**E01F 15/04** (2006.01)

CPC (source: EP)

**E01F 15/0438** (2013.01)

Cited by

EP1659223A1; EP2148008A3; ES2397894R1; EP1640504A1; US2018282957A1; US10648142B2; EP1847648A1; FR2900166A1; ES2270740A1; ES2238199A1; WO2008053054A1; WO2006106159A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1391558 A1 20040225; EP 1391558 B1 20080806**; AT E403778 T1 20080815; DE 60322638 D1 20080918; DK 1391558 T3 20081124; ES 2310231 T3 20090101; FR 2843762 A1 20040227; FR 2843762 B1 20110729; PT 1391558 E 20081023; SI 1391558 T1 20090228

DOCDB simple family (application)

**EP 03292044 A 20030819**; AT 03292044 T 20030819; DE 60322638 T 20030819; DK 03292044 T 20030819; ES 03292044 T 20030819; FR 0210419 A 20020820; PT 03292044 T 20030819; SI 200331417 T 20030819