

Title (en)  
Metallic safety barrier used in the margins and median strips of roads for vehicle contention with a fusible mechanism for the bolted joint connecting its horizontal fence railings and vertical support posts

Title (de)  
Leitplanke zum Auffangen von Fahrzeugen an Straßenrand- und -mittelstreifen mit einem Sollbruch-Mechanismus für die Schraubenverbindung, die die horizontale Schienen und vertikale Pfosten verbindet

Title (fr)  
Glissières de sécurité métalliques utilisées dans les bandes latérales et les terre-pleins centraux pour la contention des véhicules avec d'un mécanisme de fusible pour l'assemblage boulonné connectant les rails horizontales et les montants de support verticaux

Publication  
**EP 2128342 B1 20150128 (EN)**

Application  
**EP 09005342 A 20090415**

Priority  
ES 200801139 U 20080528

Abstract (en)  
[origin: EP2128342A2] Fusible mechanism for the bolted joint connecting the horizontal fence, beams or railings (1) of a metallic safety barrier to the vertical support poles (2) of same that confers said joining element the capacity to be released or disengaged in a controlled manner when the intensity of the force transmitted to said joining element by an impacting vehicle reaches a pre-established threshold value. Said joining element is comprised by a bolt (3) in which a straight section or area in the rod located at a particular distance from its head has been mechanically or chemically treated to reduce its mechanical resistance capacity.

IPC 8 full level  
**E01F 15/04** (2006.01)

CPC (source: EP US)  
**E01F 15/0423** (2013.01 - EP US)

Cited by  
GB2492078A; US2014145132A1; US9200417B2; ITTV20110144A1; EP2584096A1; EP3553228A1; EP3440262A4; WO2011135116A1

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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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2128342 A2 20091202; EP 2128342 A3 20110406; EP 2128342 B1 20150128**; AR 071711 A1 20100707; AU 2009253010 A1 20091203; CL 2008003273 A1 20100921; CN 101591892 A 20091202; CR 10630 U 20090713; DO P2010000255 A 20101115; EA 201001741 A1 20110429; ES 1068049 U 20080801; ES 1068049 Y 20081101; ES 2535496 T3 20150512; MX 2010009711 A 20100930; NZ 588501 A 20130328; PE 20100238 A1 20100408; PT 2128342 E 20150522; US 2011084246 A1 20110414; WO 2009144334 A1 20091203

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**EP 09005342 A 20090415**; AR P090101702 A 20090512; AU 2009253010 A 20090206; CL 2008003273 A 20081030; CN 200910145723 A 20090531; CR 10630 U 20090220; DO 2010000255 A 20100820; EA 201001741 A 20090206; ES 09005342 T 20090415; ES 200801139 U 20080528; ES 2009000068 W 20090206; MX 2010009711 A 20090206; NZ 58850109 A 20090206; PE 2009000710 A 20090521; PT 09005342 T 20090415; US 99288609 A 20090206