

Title (en)  
SECURITY BARRIER FOR FORCING VEHICLES TO A STOP

Title (de)  
SICHERHEITSBARRIERE FÜR DEN ERZWUNGENEN STILLSTAND VON FAHRZEUGEN

Title (fr)  
BARRIÈRE DE SÉCURITÉ POUR L'ARRÊT FORCÉ DE VÉHICULES

Publication  
**EP 3759282 B1 20230524 (DE)**

Application  
**EP 19707381 A 20190226**

Priority  
• IT 201800003101 A 20180227  
• EP 2019054702 W 20190226

Abstract (en)  
[origin: WO2019166419A1] The invention relates to a security barrier for stopping a vehicle, comprising - a base (2) which is designed to lie on the ground, - a frame (3) which extends above the base (2) and is designed to absorb the impact of the vehicle, and - a pair of loading structures (4) which are designed to connect the frame (3) to the base, wherein each loading structure (4) comprises a spur (14) which is designed to contact the ground from the side opposite the impact of the vehicle and which is connected to the base (2) by means of at least one hinge (22) that has an axis (A), said axis sliding relative to the loading structure (4) in a direction which is inclined downwards from the frame (3) to the spur (14).

IPC 8 full level  
**E01F 13/12** (2006.01)

CPC (source: EP IL US)  
**E01F 13/02** (2013.01 - US); **E01F 13/12** (2013.01 - EP IL US); **E01F 15/003** (2013.01 - US); **E01F 15/14** (2013.01 - US)

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)  
**WO 2019166419 A1 20190906**; AU 2019228645 A1 20200903; BR 112020017414 A2 20201215; EP 3759282 A1 20210106;  
EP 3759282 B1 20230524; IL 276657 A 20200930; IT 201800003101 A1 20190827; US 2021002836 A1 20210107

DOCDB simple family (application)  
**EP 2019054702 W 20190226**; AU 2019228645 A 20190226; BR 112020017414 A 20190226; EP 19707381 A 20190226;  
IL 27665720 A 20200811; IT 201800003101 A 20180227; US 201916976330 A 20190226