

Title (en)  
COLLAPSIBLE SMART SPEED BUMP

Title (de)  
INTELLIGENTE VERSENKBARE STRASSENSCHWELLENANORDNUNG

Title (fr)  
BOSSE DE DECELERATION INTELLIGENTE RETRACTABLE

Publication  
**EP 2940215 B1 20170628 (EN)**

Application  
**EP 13805938 A 20131023**

Priority  
• ES 201232021 A 20121226  
• ES 2013070735 W 20131023

Abstract (en)  
[origin: EP2940215A1] Collapsible smart speed bump, with a platform (12) that crosses the road (2), which can move upwards and downwards vertically, driven by an elevation mechanism arranged below the same, connected, by means of a transmission system (32) to an actuation system (33). The elevation mechanism has a fastener (28) arranged in the longitudinal direction of the platform (12), which, driven by the actuation system (33) by means of the transmission system (32) is displaced across the road (2) and; at least a first wedge (26) fixed outside of the fastener (28), its inclined face being arranged longitudinally in the direction of the fastener (28), which comes into contact with the inclined face of at least a second wedge (24) fixed inside the box (8), in such a way that the longitudinal movement of the fastener (28) is transformed into a vertical movement of the platform (12).

IPC 8 full level  
**E01F 9/529** (2016.01)

CPC (source: EP)  
**E01F 9/529** (2016.02)

Cited by  
RU2763649C1; EP3342934A1; CN108316175A; CN108755480A; RU206112U1; EP3889357A2; DE102020109215A1; TWI670224B

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2940215 A1 20151104; EP 2940215 B1 20170628**; ES 2402295 A1 20130430; ES 2402295 B1 20131217; ES 2647852 T3 20171226; WO 2014102411 A1 20140703

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