

Title (en)
Vehicle speed reducing device

Title (de)
Geschwindigkeitsreduktionsvorrichtung für ein Fahrzeug

Title (fr)
Dispositif de réduction de la vitesse d'un véhicule

Publication
EP 2011923 A3 20100818 (EN)

Application
EP 08007183 A 20080411

Priority
GB 0707164 A 20070413

Abstract (en)
[origin: GB2448364A] Disclosed is a vehicle speed reducing system. The system has road sign with means to selectively provide a signal giving the status of the road sign and an obstructing member further along the road. The obstructing member lies across the road and has an upper surface, which is movable between a position in which the upper surface is level with the road surface and a second position in which the upper surface is vertically spaced from the road surface. The system has a control means that receives the signal and in response to the content of the signal ie detecting the speed of a vehicle, moves surface of the obstructing member so that the it moved towards either level to, or spaced apart from the road surface, when contacted by a vehicle. A sign might additionally indicate a speed limit and detect the speed of an approaching vehicle, such that the obstructing member is moved if the vehicle is travelling too fast. The obstructing member might be a speed bump or sleeping policeman with an inflatable bladder to raise and low the upper surface of the speed bump. Also the deflection of the upper surface of the obstructing member by a vehicle may be used to generate power, the power may be used to power the control unit and the movement of the upper surface. The obstructing member may contain a bladder filled with hydraulic fluid.

IPC 8 full level
E01F 9/07 (2006.01); **E01F 9/529** (2016.01); **E01F 13/12** (2006.01)

CPC (source: EP GB)
E01F 9/529 (2016.02 - EP GB); **E01F 9/565** (2016.02 - EP); **E01F 13/123** (2013.01 - EP); **G08G 1/052** (2013.01 - GB); **G08G 1/052** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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