

Title (en)
Lift-off barrier for vehicle access control

Title (de)
Aushebebarriere zur Fahrzeugzugangsüberwachung

Title (fr)
Barrière pour le contrôle d'accès de véhicules à dispositif de dégondage

Publication
EP 1394325 B1 20080402 (FR)

Application
EP 03291932 A 20030731

Priority
• FR 0210173 A 20020809
• FR 0305741 A 20030513

Abstract (en)
[origin: EP1394325A1] The vehicular access control barrier (3) is mounted to rotate in a vertical plane (VV). A safety mechanism allows the head (1) which carries the barrier to rotate in a horizontal plane (HH), against an adjustable frictional force. The access control barrier for vehicle includes a mechanical head (1) mounted on a support (20), carrying the barrier itself (3) mounted to rotate in a vertical plane (VV). A safety system allows the arm to be lifted again in the event of collision with a vehicle. A further mechanism allows the head (1) to rotate in a horizontal plane (HH). A frictional link between the head (1) and the support (20) allows rotation in the horizontal plane in the event of a collision, with an adjustment provided for the degree of force necessary to initiate this rotation. This adjustment is provided by two surfaces which have a low coefficient of friction between them, with a compression system pressing the surfaces together in order to provide the necessary friction to oppose rotation.

IPC 8 full level
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CPC (source: EP)
B61L 29/02 (2013.01); **E01F 13/06** (2013.01)

Cited by
CN111619987A; DE202015101299U1; CN110455383A; CN111827164A; CN101914901A; EP2362020A1; FR3017886A1; CN110450829A; EP1703022A1; EP2642028A1; DE202018101595U1

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