

Title (en)  
Vehicle barrier

Title (de)  
Fahrzeugschranke

Title (fr)  
Barrière pour véhicules

Publication  
**EP 1544355 A1 20050622 (DE)**

Application  
**EP 04029527 A 20041214**

Priority  
DE 10359383 A 20031218

Abstract (en)  
The barrier has an upright (1), an arm (9) with drive (7), a pivot joint about which the arm is pivoted during forced opening, a device e.g. a spring (13), to generate a force to be overcome during forced opening, and a drive for automatic return of the arm into original position. The upright consists of two parts, pivoted relative to each other about a vertical axis to define the pivot joint. The barrier arm is fastened pivoted to one part (2), and the second part (3) forms a foot to support and anchor the upright in the ground. The upright parts consist of two overlapping tubes with different diameters. The arm drive is fastened to the top barrier part, and this is the inner tube. The drive for automatic return of the arm is a spring, a motor, and/or a pneumatic/hydraulic device. The barrier also has a device to detect a vehicle and/or a person to prevent automatic return of the arm.

Abstract (de)  
Eine Schranke ist derart ausgebildet, dass sich ihr Schrankenbaum (9) nach dem gewaltsamen Öffnen der Schranke selbsttätig in seine Sperrposition zurückbewegt. <IMAGE>

IPC 1-7  
**E01F 13/06**

IPC 8 full level  
**E01F 13/06** (2006.01)

CPC (source: EP US)  
**E01F 13/06** (2013.01 - EP US)

Citation (applicant)  
US 6470626 B2 20021029 - LUETZOW EDWIN J [US], et al

Citation (search report)  
• [A] FR 2768447 A1 19990319 - AUXILIAIRE DE CONSTRUCTION D O [FR]  
• [A] DE 9212297 U1 19921217  
• [A] DE 1755548 A1 19710930 - RAILROAD ACCESSORIES CORP  
• [A] US 4844653 A 19890704 - DICKINSON HARRY D [US]  
• [DA] US 2002134020 A1 20020926 - LUETZOW EDWIN J [US], et al

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EA015905B1; DE102020109086A1

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DOCDB simple family (application)  
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