

Title (en)  
Barriers for traffic areas

Title (de)  
Absperrvorrichtung für Verkehrsflächen

Title (fr)  
Barrière pour surfaces de circulation

Publication  
**EP 0839961 B1 20010905 (DE)**

Application  
**EP 97118799 A 19971029**

Priority  
DE 19643815 A 19961030

Abstract (en)  
[origin: EP0839961A1] The piston (10,11,12) is connected with a connecting rod (11), which with its upper end extends through an aperture in a cylinder cover (6) closing the upper end of the shaft pipe (2) and connecting flush with the ground. The movement of the piston is by means of a double-acting, externally controllable pneumatic cylinder (9), which is connected to a controllable compressed air conduit (28,29). The piston is formed as a connecting rod flange (10), at the lower end of which the connecting rod is formed. With the piston moved outwards, the piston connecting rod flange locates in a sealed fashion on the underside of the cylinder cover.

IPC 1-7  
**E01F 13/04**

IPC 8 full level  
**E01F 13/04** (2006.01)

CPC (source: EP)  
**E01F 13/046** (2013.01)

Cited by  
CN113216039A

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DOCDB simple family (publication)  
**EP 0839961 A1 19980506; EP 0839961 B1 20010905**; AT E205271 T1 20010915; DE 19643815 C1 19971120; DK 0839961 T3 20011119

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