

Title (en)
Passage for road median barrier

Title (de)
Durchgang in Leitplanken von Fahrbahnen

Title (fr)
Dispositif d'interruption de terre-plein central

Publication
EP 1061178 A1 20001220 (FR)

Application
EP 00401731 A 20000616

Priority
FR 9907781 A 19990618

Abstract (en)
The trapezoidal locking module (10) can translate on the second end of the arm (2) to ensure emergency opening. Each lateral wall has along its internal surface two U-shaped rigidifying sections (11) comprising two side guide casters (12) and a removable caster located at one end of the module. A pair of upper guide casters (14) is fixed on the top wall. The central reservation is composed of metal trapezoidal modules comprising retractable supports engaged in sleeves stuck in the ground. The supports are positioned in braces integral with side walls. The reservation comprises an arm (2) composed of an arm module (20). The arm at its first end rotates around a vertical articulation. The arm has a retractable pivoting base on casters which lifts and allows rotation of the arm. Castor tracks (24) are on the side parts of the walls' upper surface. There is an internal reinforcement (26) for the arm the base of which extends down to ground support plates (28).

IPC 1-7
E01F 15/00; E01F 15/12

IPC 8 full level
E01F 15/00 (2006.01)

CPC (source: EP US)
E01F 15/006 (2013.01 - EP US)

Citation (search report)

- [A] EP 0758698 A1 19970219 - GASPARETTO STORI LEOPOLDO [IT], et al
- [A] US 5211503 A 19930518 - QUITTNER JOHN P [AU]
- [A] FR 2741093 A1 19970516 - STUDIA [FR]
- [A] FR 2701499 A1 19940819 - COFIROUTE [FR], et al
- [A] DE 4333577 A1 19950406 - SPS SCHUTZPLANKEN GMBH [DE]
- [A] EP 0438267 A1 19910724 - ROADS CORP [AU]

Cited by
EP1489233A1; FR2856415A1; FR2826027A1; CN111335169A; US10697140B2; WO2017118475A1; WO2017118620A1

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