

Title (en)
Highway barrier.

Title (de)
Aufprallschutz-Leitvorrichtung längs Strassen.

Title (fr)
Glissière de protection devant un obstacle routier.

Publication
EP 0245042 A1 19871111 (EN)

Application
EP 87303923 A 19870430

Priority
US 85859186 A 19860501

Abstract (en)
A highway barrier (100) includes a collapsible guardrail assembly (140) and a rotatable beam (110) which is mounted between the rearward end of the guardrail assembly and a roadside hazard (102). The collapsible guardrail assembly includes a plurality of overlapping panels (142), adjacent ones of which are secured together by fasteners (150) riding in slots (144). The fasteners are designed to retain the panels together after the impact and the fasteners are positioned with respect to the panels to cause the panels to tend to rotate away from the roadside during the impact, thereby redirecting the vehicle away from the roadway. The beam (110) is rotatably mounted to the roadside hazard by a band (114) and the forward end of the beam as well as the forward end of each of the panels is supported above the ground on a respective slip base (156) designed to release in response to axial forces and to resist lateral forces. When an impacting vehicle engages the beam, the beam rotates away from the roadway around the roadside hazard (102), thereby redirecting the vehicle away from the hazard.

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E01F 15/00

IPC 8 full level
E01F 15/04 (2006.01); **E01F 15/06** (2006.01); **E01F 15/14** (2006.01)

CPC (source: EP)
E01F 15/143 (2013.01)

Citation (search report)

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