

Title (en)
Sound deadening guardrail

Title (de)
Schalldämmende Leitplanke

Title (fr)
Glissière de sécurité amortissant le bruit

Publication
EP 1528158 A1 20050504 (EN)

Application
EP 04425784 A 20041019

Priority
IT RM20030188 U 20031029

Abstract (en)
A sound deadening guardrail for roads, particularly for the lateral side of the road, for a road embankment, or for the side of a bridge, comprising several elements that usually belong to two separate barriers, which serve respectively for the absorption of sound waves and for safety. The guardrail includes the supporting posts (of the anti-noise panels or sound absorbing panels) which at the same time insure safety in the event of an accident, in addition to components of a traditional guardrail, which preferably are fixed to said posts. According to the homologation class, the mutual distance between the supporting posts that support the anti-noise panels may be chosen more or less wide, and/or possible intermediate posts - not integral to the anti-noise panels - could also be added.

IPC 1-7
E01F 15/04; **E01F 8/00**; **E01F 15/08**

IPC 8 full level
E01F 8/00 (2006.01); **E01F 15/04** (2006.01); **E01F 15/08** (2006.01)

CPC (source: EP)
E01F 8/0017 (2013.01); **E01F 15/043** (2013.01); **E01F 15/0438** (2013.01); **E01F 15/085** (2013.01)

Citation (search report)
• [XY] DE 1534499 A1 19690626 - GROS ANDRE
• [X] EP 0969149 A2 20000105 - SISTEMA BARRIERE STRADALI SRL [IT]
• [X] DE 3331670 A1 19850314 - GRESSER GERMAN, et al
• [Y] GB 2195385 A 19880407 - DEMAREST VINCENT MICHAEL
• [Y] WO 0106063 A1 20010125 - AUTOSTRADE CONCESS CONST [IT], et al

Cited by
EP2626470A1; EP3628778A1; WO2010018028A1; EP2136000A1; AT502934B1; CZ307450B6; RU2657907C1; EP3235953A1; ITUA20163240A1; CN114214978A; EP2511422A1; CN115012342A; CN102149874A; CN110387838A; CN110685218A; WO2018011080A1; WO2019137861A1; US8757596B2; WO2018011074A1

Designated contracting state (EPC)
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