

Title (en)  
MOTORWAY CRASH BARRIERS

Publication  
**EP 0228334 B1 19890906 (FR)**

Application  
**EP 86430049 A 19861205**

Priority  
• FR 8519226 A 19851223  
• FR 8605098 A 19860408  
• FR 8606497 A 19860502

Abstract (en)  
[origin: US4722513A] The invention relates to crash barriers for roads or highways comprising a horizontal guard rail supported by posts. The guard rail and the posts are made up of wooden poles. The rail elements are assembled end to end by means of two fish-plates which are disposed on either side of the poles and across the junction between two poles, said fish-plates being secured by bolts traversing the two fish-plates and one pole.

IPC 1-7  
**E01F 15/00; E04B 1/49**

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

CPC (source: EP US)  
**E01F 15/0453** (2013.01 - EP US)

Cited by  
FR2793822A1; EP0343091A1; EP0743398A1; FR2633319A2; FR2690176A1; FR2663968A1; FR2681888A1; US5462258A; FR2650010A1; FR2694028A1; EP0318405A1; FR2623829A1; US4946138A; WO9307340A1; WO0071820A1

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**EP 86430049 A 19861205**; CA 525716 A 19861218; DE 3665493 T 19861205; ES 86430049 T 19861205; GR 890400214 T 19891024; US 94165486 A 19861215