

Title (en)
Guard rail fastening

Title (de)
Vorrichtung zum Befestigen von Radlenkern

Title (fr)
Fixation d'un contre-rail

Publication
EP 0987368 B1 20060125 (DE)

Application
EP 99118342 A 19990916

Priority
DE 19842929 A 19980918

Abstract (en)
[origin: US6279833B1] A guide-rail assembly has an anchor plate having an upstanding flange with a transversely directed face and formed below the face with at least one transversely throughgoing hole and a guide rail above the hole and having a transversely directed outer face bearing transversely on the flange face and an inner face directed transversely oppositely. A J-bolt has a bearing face directed transversely toward and bearing on the guide-rail inner face and a shank extending through the hole below the guide rail. A nut threaded on the shank and engaging an outer surface of the plate presses the J-bolt bearing face against the guide-rail inner face and clamps the guide rail against the anchor-plate face.

IPC 8 full level
E01B 5/18 (2006.01)

CPC (source: EP US)
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Cited by
RU190499U1; CN109606425A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6279833 B1 20010828; AT E316596 T1 20060215; AU 4881499 A 20010322; AU 767735 B2 20031120; CA 2282894 A1 20000318; CA 2282894 C 20090203; DE 19842929 A1 20000323; DE 59913072 D1 20060413; EP 0987368 A1 20000322; EP 0987368 B1 20060125; ES 2256992 T3 20060716; JP 2000096501 A 20000404; JP 4099298 B2 20080611; PT 987368 E 20060531

DOCDB simple family (application)
US 39926599 A 19990917; AT 99118342 T 19990916; AU 4881499 A 19990920; CA 2282894 A 19990917; DE 19842929 A 19980918; DE 59913072 T 19990916; EP 99118342 A 19990916; ES 99118342 T 19990916; JP 26434899 A 19990917; PT 99118342 T 19990916