

Title (en)  
GUARDRAIL FIXING DEVICE

Publication  
**EP 0402351 A3 19910911 (DE)**

Application  
**EP 90890175 A 19900605**

Priority  
AT 138689 A 19890606

Abstract (en)  
[origin: US5148980A] In a device for mounting in position guide rails (1), in which device the guide rail (1) is free of perforations and is seized by claws (3), which claws (3) are fixed in a mounting part, the mounting part has a mounting plate (2) extending in parallel relation to the longitudinal direction of the guide rail, noting that the claws (3) can be passed through perforations (16) in the mounting plate and can be braced against the mounting plate (2), in particular with the interposition of a spring (4), at the side, located opposite the guide rail (1), of the mounting plate (2).

IPC 1-7  
**E01B 7/20**

IPC 8 full level  
**E01B 7/20** (2006.01)

CPC (source: EP US)  
**E01B 7/20** (2013.01 - EP US)

Citation (search report)

- [AD] US 947317 A 19100125 - TAYLOR GEORGE B [US]
- [A] DE 7006310 U 19700709 - KLOECKNER HUMBOLDT DEUTZ AG [DE]

Cited by  
EP2216440A4; EP2166150A3; EP1895053A4; US8418932B2; US7891577B2; US8302877B2; US8485452B2

Designated contracting state (EPC)  
BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0402351 A2 19901212; EP 0402351 A3 19910911; EP 0402351 B1 19940803**; AT 405657 B 19991025; AT A138689 A 19990215; AU 5685390 A 19901213; AU 627319 B2 19920820; CA 2018318 A1 19901206; CA 2018318 C 19980915; DE 59006672 D1 19940908; DK 0402351 T3 19941128; ES 2061006 T3 19941201; HU 209163 B 19940328; HU 903509 D0 19901028; HU T54746 A 19910328; US 5148980 A 19920922

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