

Title (en)

Grooved rail frog and method of production thereof

Title (de)

Rillenschienenherzstück sowie Verfahren zur Herstellung eines solchen

Title (fr)

Coeur pour rails à ornière et méthode de fabrication dudit coeur

Publication

**EP 1138829 A3 20030423 (DE)**

Application

**EP 01107135 A 20010322**

Priority

DE 10015522 A 20000330

Abstract (en)

[origin: EP1138829A2] The device has a tongue crossing point/wheel overrun section (44) formed by grooves (12,14) cutting across each other. The overrun section has two longitudinal crossing profiles (18,20), each corresponding to one half of the section. The profiles are welded together within the overrun section crossing point. The profiles are welded to a common base plate, and are connected to each other by screw connections. The common base of the grooves is of welding material. The profiles may also be connected by manual electrode welding, gas-shielded metal-arc welding, Laser beam welding, electroslag welding, or metal arc welding.

IPC 1-7

**E01B 7/12**

IPC 8 full level

**E01B 7/12** (2006.01)

CPC (source: EP)

**E01B 7/12** (2013.01)

Citation (search report)

- [XY] US 1878984 A 19320920 - HULBERT WILLIAM G
- [Y] FR 2396833 A1 19790202 - DIETRICH & CIE DE [FR]
- [Y] US 5820702 A 19981013 - IRIE TAKAAKI [JP], et al
- [DY] DE 712843 C 19411027 - JOHANN FRIEDRICH SCHNEIDER
- [DY] EP 0533528 A1 19930324 - COGIFER [FR]
- [A] US 554320 A 18960211

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1138829 A2 20011004; EP 1138829 A3 20030423; EP 1138829 B1 20050831**; AT E303471 T1 20050915; DE 10015522 A1 20011004; DE 10015522 B4 20120329; DE 50107245 D1 20051006; ES 2246951 T3 20060301; HK 1042734 A1 20020823; HK 1042734 B 20060407

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