

Title (en)

Method for producing a noise-abating rail

Title (de)

Verfahren zur Herstellung einer Schiene mit vermindertem Abrollgeräusch

Title (fr)

Procédé de fabrication d'un rail silencieux

Publication

EP 1736600 A1 20061227 (DE)

Application

EP 06115746 A 20060620

Priority

DE 102005029005 A 20050621

Abstract (en)

The running tread of a rail has supplementary material layers parallel to the rail's longitudinal direction. These layers are produced by applying sheeting for fusion welding in a submerged arc welding process. The rail is heated up to an increased temperature before applying the sheeting for fusion welding. An independent claim is also included for a tram network rail with narrow curve radii.

IPC 8 full level

E01B 5/08 (2006.01)

CPC (source: EP)

E01B 5/04 (2013.01); **E01B 5/14** (2013.01)

Citation (search report)

- [DXA] DE 2554704 A1 19770608 - ELEKTRO THERMIT GMBH
- [A] WO 9718921 A1 19970529 - JINPO PLULS A S [CZ], et al
- [A] EP 0356852 A2 19900307 - ELEKTRO THERMIT GMBH [DE]
- [A] EP 0601420 A1 19940615 - ELEKTRO THERMIT GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1736600 A1 20061227; **EP 1736600 B1 20090819**; AT E440178 T1 20090915; DE 102005029005 B3 20061012; DE 502006004568 D1 20091001

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EP 06115746 A 20060620; AT 06115746 T 20060620; DE 102005029005 A 20050621; DE 502006004568 T 20060620