

Title (en)
Rail fastening

Title (de)
Schienenbefestigung

Title (fr)
Fixation d'un rail

Publication
EP 1264932 A3 20040102 (DE)

Application
EP 02010309 A 20020507

Priority
• DE 20117133 U 20011023
• DE 10127853 A 20010608

Abstract (en)
[origin: EP1264932A2] The mounting for a rail (1), of a permanent way for a railway or urban tramway and the like where it is embedded in concrete (22) and/or asphalt (26), has a base plate (3) and side clips (6) at the rail bottom (4). Each clip has a pressure spring (8) acting on the rail foot, and at least one sleeper mounting bolt (10) to secure the rail and compress the spring. Each clip has at least one chamber (12) to accommodate the spring.

IPC 1-7
E01B 9/62; **E01B 9/28**

IPC 8 full level
E01B 9/44 (2006.01); **E01B 9/52** (2006.01); **E01B 21/02** (2006.01)

CPC (source: EP)
E01B 9/44 (2013.01); **E01B 9/52** (2013.01); **E01B 21/02** (2013.01); **E01B 2204/11** (2013.01)

Citation (search report)
• [XA] US 1854497 A 19320419 - WILLARD GEORGE T
• [XA] US 1817569 A 19310804 - LEW KOEN
• [A] DE 2526448 A1 19761230 - STAHL AUFZUEGE
• [A] DE 4007937 A1 19910919 - KRUPP LONRHO GMBH [DE]
• [A] US 4193544 A 19800318 - FAVILLE WARWICK S [GB], et al

Cited by
CN108360310A; EP1830002A1

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

DOCDB simple family (publication)
EP 1264932 A2 20021211; **EP 1264932 A3 20040102**; **EP 1264932 B1 20060301**; AT E318957 T1 20060315; DE 50205902 D1 20060427; ES 2259686 T3 20061016

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