

Title (en)  
Rail fastening system

Title (de)  
Schienenbefestigung

Title (fr)  
Fixation de rails

Publication  
**EP 2388374 A3 20140723 (DE)**

Application  
**EP 11166406 A 20110517**

Priority  
DE 102010020801 A 20100518

Abstract (en)  
[origin: EP2388374A2] The device has a supporting plate (4) integrally formed with two formed pins (7) on a lower side (6), where the pins are engaged into adjustable feet (17) that are fixable and brought in a base layer concrete (16). The pins are horizontally adjustable on a lower base layer (18) and vertically adjustable in the feet. A flexible foot element (3) supports a rail (1) on the supporting plate horizontally by eccentric cams (14) and adjustable screws (13), so that the rail and the supporting plate are integrated in the base layer concrete in an electrically isolated manner. An independent claim is also included for a method for fastening and adjusting a rail on a base layer.

IPC 8 full level  
**E01B 1/00** (2006.01); **E01B 9/40** (2006.01); **E01B 21/02** (2006.01)

CPC (source: EP)  
**E01B 1/004** (2013.01); **E01B 9/40** (2013.01); **E01B 21/02** (2013.01)

Citation (search report)

- [A] EP 2133468 A1 20091216 - WIRTHWEIN AG [DE]
- [A] WO 2005073466 A1 20050811 - WIRTHWEIN AG [DE], et al
- [AD] EP 1882777 A1 20080130 - STADT ZUERICH VERKEHRSEBETRIEB [CH]
- [A] DE 3827773 A1 19900222 - SCHWIBAG GMBH [CH]

Cited by  
AT16434U1; EP3282053A1; CN108316072A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2388374 A2 20111123; EP 2388374 A3 20140723; EP 2388374 B1 20170118**; DE 102010020801 A1 20111124;  
DE 102010020801 B4 20130314; ES 2621197 T3 20170703; PL 2388374 T3 20170731

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**EP 11166406 A 20110517**; DE 102010020801 A 20100518; ES 11166406 T 20110517; PL 11166406 T 20110517