

Title (en)

Device and method for lifting and aligning rails

Title (de)

Vorrichtung und Verfahren zum Heben und Richten von Gleisen

Title (fr)

Dispositif et procédé de levage et d'alignement de rails

Publication

EP 2206831 B1 20141105 (DE)

Application

EP 10000256 A 20100113

Priority

- DE 102009004412 A 20090113
- CH 17462009 A 20091113

Abstract (en)

[origin: EP2206831A2] The device has a cross beam (1) for simultaneously clamping two rails (2) of a to-be aligned track from underneath. The cross beam is designed as a single piece and arranged in such a manner that the cross beam is removable from the to-be aligned track. The cross beam is tapered at ends. The cross beam is formed by a support element of a partially enclosed U-shaped profile or a rectangular profile. The cross beam includes a spindle (11) for height adjustment of the to-be-aligned track. The spindle is guided by a hollow screw with an inner thread and an outer thread.

IPC 8 full level

E01B 29/04 (2006.01)

CPC (source: EP)

E01B 29/04 (2013.01); **E01B 2204/06** (2013.01)

Cited by

CN103243621A; DE202019102034U1; EP2397608A3; CN110735366A; CN103321111A; CN108500487A; EP3722503A1; EP3722503B1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2206831 A2 20100714; EP 2206831 A3 20120328; EP 2206831 B1 20141105

DOCDB simple family (application)

EP 10000256 A 20100113