

Title (en)

MAGNETIC LIFTING DEVICE FOR RAISING A TRACK

Title (de)

MAGNETISCHE HEBEVORRICHTUNG ZUM ANHEBEN EINES GLEISES

Title (fr)

DISPOSITIF DE LEVAGE MAGNÉTIQUE SERVANT À LEVER UNE VITRE

Publication

EP 3167121 A1 20170517 (DE)

Application

EP 15731846 A 20150616

Priority

- AT 5382014 A 20140707
- EP 2015001218 W 20150616

Abstract (en)

[origin: WO2016005024A1] In a lifting device (1) for raising a track (3), supporting frames (6) that can roll along a rail (2) by means of flange rollers (5) are connected to a lifting magnet (9) between the flange rollers (5). The height of each lifting magnet (9) can be adjusted relative to the rail (2) by a height-adjustment system (13), in order to selectively change an air gap between a pole shoe (11) of the lifting magnet (9) and an adjacent rail rolling surface.

IPC 8 full level

E01B 29/04 (2006.01); **B66F 9/18** (2006.01)

CPC (source: AT EP)

E01B 27/17 (2013.01 - AT); **E01B 29/04** (2013.01 - AT EP); **E01B 2203/10** (2013.01 - EP)

Citation (search report)

See references of WO 2016005024A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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