

Title (en)

Device for removing iron-containing waste from railway

Title (de)

Vorrichtung zur Beseitigung von eisenhaltigem Abfall von Schienen

Title (fr)

Dispositif pour éliminer les déchets contenant du fer de rails

Publication

EP 1881109 B1 20091230 (EN)

Application

EP 07075594 A 20070713

Priority

NL 1032200 A 20060718

Abstract (en)

[origin: EP1881109A1] Device for removing iron-containing waste from a railway, comprising a rail/road vehicle 1 which can be driven over tracks 5 of the railway, which vehicle has a number of magnetic belt units, each unit composed of an endless belt 8 guided and driven over guide rollers, magnets 13, 13' being placed at some points along said belt. Each unit is connected to a frame 6, which is fixed on the rail/road vehicle so as to be movable and has a set of supporting wheels 18, so that the frame can be moved from a transport position lying on the vehicle to a working position in which the abovementioned set of supporting wheels rolls over the rails.

IPC 8 full level

E01B 27/10 (2006.01); **E01H 1/14** (2006.01); **E01H 8/00** (2006.01)

CPC (source: EP)

B03C 1/0332 (2013.01); **B03C 1/22** (2013.01); **B03C 1/28** (2013.01); **B03C 1/30** (2013.01); **E01B 27/102** (2013.01); **E01H 1/14** (2013.01); **E01H 8/00** (2013.01); **B03C 2201/20** (2013.01)

Cited by

CN107858980A; CN114849904A; JP2017218797A; CN104549727A; CN102363953A; CN101831886A; CN115107813A; EP1876296A3; CN102383392A

Designated contracting state (EPC)

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EP 1881109 A1 20080123; **EP 1881109 B1 20091230**; AT E453758 T1 20100115; DE 602007004033 D1 20100211; DK 1881109 T3 20100419; NL 1032200 C2 20080121; PL 1881109 T3 20100630

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