

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 A1 20080123 (EN)

Application

EP 07075594 A 20070713

Priority

NL 1032200 A 20060718

Abstract (en)

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)

Citation (search report)

- [Y] US 2006045684 A1 20060302 - SPERLING FRED S [US]
- [Y] US 4178236 A 19791211 - THEURER JOSEF [AT]
- [A] US 5642673 A 19970701 - LUCKY SR BOBBY D [US]

Cited by

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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