

Title (en)

Clearing chain for the transport of ballast of a railway track

Title (de)

Räumkette zum Transport von Schotter einer Gleisbettung

Title (fr)

Chaîne d'extraction pour le transport du ballast de chemin de fer

Publication

EP 1498546 B1 20061018 (DE)

Application

EP 04102874 A 20040622

Priority

AT 5002003 U 20030715

Abstract (en)

[origin: US2005011088A1] An arrangement of an excavating chain for conveying ballast of a track bed comprises a guide comprising a transverse guide section articulately connected to longitudinal guide sections defining a guide channel having an end glide track along which the excavating chain is guided. The end glide track of the transverse guide section is curved around the joints connecting the ends of the transverse guide section to the adjoining longitudinal guide sections, the end glide track enclosing an acute dihedral angle alpha with an imaginary plane of elongation of the end glide track of a respective one of the longitudinal guide sections whereby the excavating chain is deflected from the transverse to the longitudinal guide sections solely by contact with the end glide track.

IPC 8 full level

E01B 27/10 (2006.01); **E01B 27/04** (2006.01); **E01B 37/00** (2006.01); **E02F 3/14** (2006.01)

CPC (source: EP US)

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Cited by

WO2013057551A1; FR3101891A1; WO2021074242A1

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US 2005011088 A1 20050120; US 6981556 B2 20060103; AT 6487 U2 20031125; AT 6487 U3 20041025; AT E343018 T1 20061115; AU 2004202978 A1 20050203; AU 2004202978 B2 20070726; CN 1280486 C 20061018; CN 1576462 A 20050209; DE 502004001771 D1 20061130; DK 1498546 T3 20070219; EP 1498546 A1 20050119; EP 1498546 B1 20061018; ES 2276224 T3 20070616; JP 2005036644 A 20050210; JP 4614426 B2 20110119; PL 1498546 T3 20070430; UA 83621 C2 20080811

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US 89003004 A 20040713; AT 04102874 T 20040622; AT 5002003 U 20030715; AU 2004202978 A 20040629; CN 200410068417 A 20040715; DE 502004001771 T 20040622; DK 04102874 T 20040622; EP 04102874 A 20040622; ES 04102874 T 20040622; JP 2004204855 A 20040712; PL 04102874 T 20040622; UA 20040705722 A 20040713