

Title (en)

Excavating chain for removing ballast

Title (de)

Räumkette zum Entfernen von Schotter

Title (fr)

Chaîne à fonction d'engrènement

Publication

EP 1387010 B1 20050427 (DE)

Application

EP 03450167 A 20030709

Priority

AT 5192002 U 20020802

Abstract (en)

[origin: EP1387010A1] Raking chain (1) comprises chain links (9) joined together to form a continuous chain, dragging elements (10) fixed to the chain links for removing ballast under a track, and cover plates (11) positioned between the dragging elements and covering the chain links. A clay-compacting element (13) arranged between two adjacent dragging elements and extending over two adjacent cover plates is fixed to only one of the cover plates. Preferred Features: The clay-compacting element is removably fixed to the cover plate.

IPC 1-7

E02D 27/04; E01B 27/04

IPC 8 full level

B65G 19/18 (2006.01); **B65G 45/10** (2006.01); **E01B 27/04** (2006.01); **E02D 27/04** (2006.01); **E02F 3/08** (2006.01); **E02F 5/06** (2006.01)

CPC (source: EP)

E01B 27/04 (2013.01)

Cited by

CN110725167A; EP2631361A3; FR3101892A1; CN104163332A; CN108637670A; FR3101891A1; WO2021074242A1; WO2021074247A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1387010 A1 20040204; EP 1387010 B1 20050427; AT 5766 U2 20021125; AT 5766 U3 20030925; AT E294284 T1 20050515; CN 1215224 C 20050817; CN 1477265 A 20040225; DE 50300482 D1 20050602; ES 2240932 T3 20051016; PL 209900 B1 20111130; PL 361486 A1 20040209; RU 2003123634 A 20050120; RU 2247188 C1 20050227

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