

Title (en)

Method and device for machine removal of ground layers in railway tracks

Title (de)

Verfahren und Vorrichtung zum maschinellen Ausbau von Bodenschichten im Gleisbau

Title (fr)

Procédé et dispositif de démontage automatique de couches de sol dans la pose de voie

Publication

**EP 2020459 B1 20100317 (DE)**

Application

**EP 08011470 A 20080625**

Priority

DE 102007036791 A 20070803

Abstract (en)

[origin: EP2020459A1] The method involves detaching and removing a ground layer (6) mechanically below and/or adjacent to a track (1). The ground layer is initially separated from a substrate before mechanically detaching and removing of the ground layer by cutting (5) a base (3) parallel to the rail. The cutting is provided in even-shape, tub-shape, U-shape or in suitable profile form. The track is supported on sleepers (2) on the base. The base is cut by a cutting belt with a saw tooth or with a cutter head and by pressurizing the base with an air jet or water jet. An independent claim is also included for a device for mechanically removing of a ground layer in a railway track.

IPC 8 full level

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CPC (source: EP)

**E01B 27/00** (2013.01); **E01B 27/027** (2013.01); **E01B 27/04** (2013.01)

Cited by

CN102259353A; WO2011147761A1; WO2012103860A1; DE102011010427A1; DE202011110789U1; WO2012103859A1; DE102011010420A1; DE202011110788U1

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DOCDB simple family (publication)

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