

Title (en)

Process and device for cleaning track bed and tunnel walls

Title (de)

Verfahren und Vorrichtung zur Reinigung des Gleisoberbaus sowie von Tunnelwänden

Title (fr)

Procédé et dispositif de nettoyage de superstructure de voie et de parois de tunnel

Publication

**EP 2305892 A2 20110406 (DE)**

Application

**EP 09002865 A 20090227**

Priority

DE 102008063293 A 20081230

Abstract (en)

The method involves using an overpressure air curtain, which uses air as a cleaning medium. The curtain produces a turbulence that is immanent in a cleaning region by inclining air nozzles to support the overpressure air curtain. The curtain is varied corresponding to a suction power. The curtain avoids lateral spacing of air that is necessary for cleaning. Suction air is concentrated and sucked from a bottom in a loss free manner via the use of the air curtain. Blowing nozzles are integrated in a suction trap (2) in a mechanical, constructive and functional manner. An independent claim is also included for a device for cleaning the track bed structure and the tunnel wall.

Abstract (de)

Die Erfindung betrifft ein Verfahren und Vorrichtung zur Reinigung des Gleisoberbaus sowie von Tunnelwänden.

IPC 8 full level

**E01H 1/00** (2006.01); **E01H 8/00** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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**DE 2009001523 W 20091030**; DE 202009009649 U 20090713; EP 09002865 A 20090227