

Title (en)

SUCTION MACHINE FOR SUCTIONING BALLAST OF A TRACK

Title (de)

SAUGMASCHINE ZUM ANSAUGEN VON BETTUNGSSCHOTTER EINES GLEISES

Title (fr)

MACHINE D'ASPIRATION POUR ASPIRER DU BALLAST CONCASSÉ D'UNE VOIE

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Application

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Abstract (en)

[origin: WO2011120621A1] The invention relates to a suction machine that can travel on railway traveling mechanisms for suctioning ballast of a track, comprising a suction tube connected to a vacuum generator and having a suction hose (11) that can rotate about a longitudinal axis (14) and having a suction opening (18) at an end segment (16) for receiving ballast. The end segment (16) of the suction hose (11) comprises at least one flap (20) in the area of the suction opening (18) that can pivot between a normal position and a use position (22) about a pivot axis (19) extending parallel to the longitudinal axis (14). In the normal position, the flap (20) forms a part of the cross section of the suction hose, as seen in the direction of the longitudinal axis (14). In the use position (22), the flap (20) protrudes radially from the suction opening (18) of the suction hose, wherein the pivot motion of the flap (20) is limited by a stop (23, 24) at each of the two end positions.

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