Title (en)
RAILWAY MACHINE FOR VACUUM CLEANING A TRACK SUPERSTRUCTURE

Publication
EP 0337048 B1 19901003 (DE)

Application
EP 88890092 A 19880413

Priority
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Abstract (en)
1. A travelling on-track machine (1; 62) for cleaning permanent way, more especially the ballast surface of a ballast bed situated beneath a track panel formed by sleepers and rails, comprising a machine frame (6; 63) designed to travel on on-track under-carriages (5; 64) and a suction unit (11; 68) consisting of a suction head arrangement (16; 70) which is connected through a suction hose (12; 69) to a collecting container (13) with filter (14) and to a fan (15) and with which at least one pressure nozzle (21, 46; 75, 76) connected to an air compressor by a pressure hose (20; 74) is associated to form a substantially closed-loop pressure-suction system, characterized in that the pressure nozzle (21, 46; 75, 76) is arranged inside the suction mouth opening (17; 73) of the suction head arrangement (16; 70) and is connected by the pressure hose (20; 74) to the exhaust-air port (22) acting as air compressor and the suction head arrangement (16; 70) connected to the suction hose (12) is connected to the intake port (34) of the radial fan (15) connected to the suction head arrangement (16; 70) to form the pressure-suction system.

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E01H 1/08

IPC 8 full level
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CPC (source: EP US)
E01B 27/102 (2013.01 - EP US); **E01H 1/0863** (2013.01 - EP US); **E01H 8/00** (2013.01 - EP US)

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