

Title (en)

Ballast cleaning machine and method

Title (de)

Verfahren und Maschine zur Reinigung von Schotter eines Gleises

Title (fr)

Procédé et dispositif de nettoyage de ballast

Publication

EP 1191147 B1 20050406 (DE)

Application

EP 01890241 A 20010822

Priority

AT 7052000 U 20000925

Abstract (en)

[origin: EP1191147A1] A cleaning machine (1) has a sieve unit (9) with hydraulic vibration drive (10), for continuous lifting and cleaning of the ballast (5). The advance speed of the machine is regulated dependent upon variations in the operating pressure of the vibration drive. To achieve constant sieve performance, the speed is raised when the drive operating pressure drops, resp. reduced, when the pressure rises. A regulator unit has a pressure transducer to detect the operational pressure, and a servo member to regulate that pressure.

IPC 1-7

E01B 27/10

IPC 8 full level

E01B 27/04 (2006.01); **B65G 47/16** (2006.01); **E01B 27/10** (2006.01)

CPC (source: EP)

E01B 27/105 (2013.01); **E01B 2203/045** (2013.01)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1191147 A1 20020327; **EP 1191147 B1 20050406**; AT 4016 U2 20001227; AT 4016 U3 20011126; AT E292712 T1 20050415; DE 50105816 D1 20050512; RU 2224836 C2 20040227

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