

Title (en)
Machine for taking up ballast by suction.

Title (de)
Saugmaschine.

Title (fr)
Machine aspirant du ballast.

Publication
EP 0678621 A2 19951025 (DE)

Application
EP 95890055 A 19950315

Priority
• AT 80694 A 19940418
• AT 130794 A 19940701

Abstract (en)
The suction machine for working up ballast has a machine frame movable on a mobile unit and having a vacuum producer and a ballast storage unit. It has a crossways and height-adjustable suction tube (10). Adjustment involves a displacement unit (11) with drives. A suction tube end section has a longitudinal axis (23) and is movable by the displacement unit. It has a suction opening (16) for receiving ballast. For the suction tube end section rotatably located around its longitudinal axis a rotary drive (26) is provided. The suction tube end section in its upper end area opposed to the suction opening has a rotation bearing (22). Additional to its function as a rotatable bearing, it is also formed as a connection to an abutting flexible area of the suction tube and is connected with the rotary drive. <IMAGE>

Abstract (de)
Eine Saugmaschine zum Ansaugen von Bettungsschotter eines Gleises ist mit einem quer- und höhenverstellbaren Saugrohr (10) mit einer in einem Saugrohr-Endabschnitt (9) befindlichen Saugöffnung (16) ausgestattet. Dem um seine Längsachse (23) drehbar gelagerten Saugrohr-Endabschnitt (9) ist ein Drehantrieb (26) zugeordnet. <IMAGE>

IPC 1-7
E01B 27/04

IPC 8 full level
E01B 27/10 (2006.01); **B61D 15/00** (2006.01); **E01B 27/04** (2006.01); **E01B 27/06** (2006.01); **E01H 8/10** (2006.01); **E02F 3/88** (2006.01)

CPC (source: EP US)
E01B 27/04 (2013.01 - EP US); **E01B 2203/025** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0678621 A2 19951025; EP 0678621 A3 19951227; EP 0678621 B1 19981125; AT E173777 T1 19981215; AU 1645695 A 19951026; AU 686322 B2 19980205; CA 2147100 A1 19951019; CA 2147100 C 20040518; CN 1097661 C 20030101; CN 1113277 A 19951213; CZ 282539 B6 19970813; CZ 85295 A3 19951213; DE 59504300 D1 19990107; ES 2128029 T3 19990501; FI 110016 B 20021115; FI 951816 A0 19950413; FI 951816 A 19951019; JP 3708986 B2 20051019; JP H07300803 A 19951114; NO 307000 B1 20000124; NO 951404 D0 19950410; NO 951404 L 19951019; PL 176261 B1 19990531; PL 308026 A1 19951030; RU 2097492 C1 19971127; RU 95105794 A 19970120; SK 280959 B6 20001009; SK 47195 A3 19951108; UA 39184 C2 20010615; US 5709270 A 19980120

DOCDB simple family (application)
EP 95890055 A 19950315; AT 95890055 T 19950315; AU 1645695 A 19950413; CA 2147100 A 19950413; CN 95105069 A 19950418; CZ 85295 A 19950404; DE 59504300 T 19950315; ES 95890055 T 19950315; FI 951816 A 19950413; JP 9289395 A 19950418; NO 951404 A 19950410; PL 30802695 A 19950404; RU 95105794 A 19950407; SK 47195 A 19950410; UA 95048316 A 19950407; US 80332397 A 19970221