

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)

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