

Title (en)  
Machine for taking up ballast from a ballast bed under suction

Title (de)  
Maschine zum Absaugen von Schotter einer Gleis-Schotterbettung

Title (fr)  
Machine aspirant le ballast d'un lit de ballast

Publication  
**EP 0608679 B1 19970709 (DE)**

Application  
**EP 93890250 A 19931222**

Priority  
AT 15293 A 19930129

Abstract (en)  
[origin: US5456181A] A mobile machine for aspirating ballast from a ballast bed comprises a machine frame extending in a longitudinal direction and supported by undercarriages running on a track. Mounted on the machine frame are a ballast aspirating device comprising a short suction inlet pipe defining a suction inlet port, and a ballast excavating device vertically adjustable by drive means linking the ballast excavating device to the machine frame. The ballast excavating device comprises a substantially horizontally extending beam having opposite ends, a guide roller mounted on each beam end and an endless ballast excavating chain trained over the guide rollers, the beam being pivotal about a vertical axis at one of the beam ends and arranged in an operating position laterally adjacent one of the tie ends at one of the ballast bed shoulders and the suction inlet port being vertically adjustable in said operating position.

IPC 1-7  
**E01B 27/10**

IPC 8 full level  
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CPC (source: EP US)  
**E01B 27/04** (2013.01 - EP US); **E01B 27/102** (2013.01 - EP US)

Citation (examination)  
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• FR 1065732 A 19540528 - SNCF  
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