

Title (en)  
Ballast levelling machine

Title (de)  
Schotterplaniermaschine

Title (fr)  
Machine pour aplanir du ballast

Publication  
**EP 0613980 B1 19970102 (DE)**

Application  
**EP 94890028 A 19940202**

Priority  
AT 42193 A 19930304

Abstract (en)  
[origin: EP0613980A2] A ballast levelling machine (1) with a machine frame (4) supported on rail running gear (5) is equipped with a ballast plough (11) which is height-adjustable by means of drives (8), a height-adjustable and rotatable sweeping brush (18), a suction arrangement (17) having a vacuum generator (16), as well as with a driver's cab (19). The machine frame (4) consists of a first frame part (2) having the ballast plough (11) at the front in the travelling direction, and of a further, second frame part (3) which is articulatedly connected to the first frame part and has the vacuum generator (16) and the sweeping brush (18). The suction arrangement (17) has a suction nozzle (20) which projects beyond the machine end (21) at the rear with respect to the travelling direction, is connected to the vacuum generator (16) by a flexible suction pipe (22) and to a drive (40) and which is adjustable by means of a control device (23) located in the adjoining driver's cab (19). <IMAGE>

IPC 1-7  
**E01B 27/02**

IPC 8 full level  
**B61D 3/10** (2006.01); **B61D 15/00** (2006.01); **E01B 27/02** (2006.01); **E01H 1/08** (2006.01); **E01H 8/10** (2006.01)

CPC (source: EP US)  
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Cited by  
WO2021174268A1; EP0761880A1; CN105332357A; CN104532780A; EP1310597A3; AT523621A1; AT523621B1

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