

Title (en)  
APPARATUS FOR REMOVING AND LOADING TRACK BALLAST

Title (de)  
VORRICHTUNG ZUM AUSBAUEN UND VERLADEN VON GLEISSCHOTTER

Title (fr)  
DISPOSITIF POUR LE DÉMONTAGE ET LE TRANSPORT DU BALLAST DE VOIE

Publication  
**EP 2122056 A1 20091125 (DE)**

Application  
**EP 08707212 A 20080123**

Priority  

- EP 2008000499 W 20080123
- DE 102007007479 A 20070215
- DE 202007017037 U 20071206

Abstract (en)  
[origin: WO2008098665A1] A crawler vehicle for loading track ballast has a chassis (10) formed as a crawler-track drive; a ballast-receiving ramp (12) which is arranged at the front end of the apparatus, extends in the transverse direction of the apparatus at least over the width of a single-line ballast bed, and comprises a removal wedge (14) for releasing and lifting the ballast through a forward movement of the apparatus, and a first conveyor belt (16) which is provided directly behind the removal wedge (14) and is intended for transporting the removed ballast from the removal wedge in a rearward direction; a front collecting container (22) for receiving the ballast from the first conveyor belt (16) of the ballast-receiving ramp (12), said container being arranged in the front region of the apparatus and being provided with a second conveyor belt (24) which extends in the transverse direction in order to transport the ballast to one side of the front collecting container (22); a third conveyor belt (26) for transporting the ballast from one side of the front collecting container (22) to the rear region of the apparatus; a rear collecting container (28) which is arranged in the rear region of the apparatus and is intended for receiving the ballast from the third conveyor belt (26); and a fourth conveyor belt (30) which extends in the forward direction from the rear collecting container (28) and is intended for transporting the ballast from the rear collecting container (28) to a transporting means, wherein the fourth conveyor belt (30) is able to pivot about a vertical axis in the region of the rear collecting container.

IPC 8 full level  
**E01B 27/04** (2006.01)

CPC (source: EP)  
**E01B 27/04** (2013.01)

Citation (search report)  
See references of WO 2008098665A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 202007017037 U1 20080430**; EP 2122056 A1 20091125; WO 2008098665 A1 20080821

DOCDB simple family (application)  
**DE 202007017037 U 20071206**; EP 08707212 A 20080123; EP 2008000499 W 20080123