

Title (en)  
Method for renewing the railway ballast and machine

Title (de)  
Verfahren zur Erneuerung einer Schotterbettung sowie Maschine

Title (fr)  
Méthode pour renouveler le ballast et machine

Publication  
**EP 1254987 A3 20031008 (DE)**

Application  
**EP 02450074 A 20020403**

Priority  
AT 3432001 U 20010503

Abstract (en)  
[origin: EP1254987A2] Process for reconstructing the ballast (2) of a track (3) comprises collecting and removing contaminated ballast (34) using a sweeping chain (4) to form gaps (13) whilst new ballast is thrown onto the track. A container (17) filled with new ballast and arranged on a wagon (6) is transported to a gap and emptied. The empty container is filled with the contaminated ballast and placed on the wagon. The cycle is repeated with another container filled with new ballast. An Independent claim is also included for a machine (1) for carrying out the above process.

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

IPC 8 full level  
**E01B 27/10** (2006.01)

CPC (source: EP)  
**E01B 27/105** (2013.01)

Citation (search report)  
• [DA] US 4465414 A 19840814 - THEURER JOSEF [AT], et al  
• [A] EP 0330286 A1 19890830 - RAILBOUW BV [NL]  
• [A] AT 351584 B 19790810 - PLASSER BAHNBAUMASCH FRANZ [AT]  
• [A] DE 2348015 A1 19740718 - PLASSER BAHNBAUMASCH FRANZ

Cited by  
AT18051U1; AT14465U1; US10036127B2; WO2014075960A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1254987 A2 20021106; EP 1254987 A3 20031008; EP 1254987 B1 20050525**; AT 4763 U2 20011126; AT 4763 U3 20020325;  
AT E296379 T1 20050615; CN 1206407 C 20050615; CN 1384244 A 20021211; DE 50203174 D1 20050630; ES 2242842 T3 20051116;  
JP 2002363902 A 20021218; JP 4057338 B2 20080305

DOCDB simple family (application)  
**EP 02450074 A 20020403**; AT 02450074 T 20020403; AT 3432001 U 20010503; CN 02118820 A 20020429; DE 50203174 T 20020403;  
ES 02450074 T 20020403; JP 2002125864 A 20020426