

Title (en)  
Method for cleaning the ballast

Title (de)  
Verfahren zur Reinigung von Schüttgutmaterial

Title (fr)  
Procédé pour nettoyer le ballast

Publication  
**EP 1249537 A3 20031210 (DE)**

Application  
**EP 02005667 A 20020312**

Priority  
• DE 10118393 A 20010412  
• DE 10128480 A 20010612  
• DE 10139765 A 20010813  
• DE 10119777 A 20010423

Abstract (en)  
[origin: EP1249537A2] The railway wagon rake (A-H) for cleaning the ballast of a railway permanent way, has an initial stage (204) where the ballast is classified and/or sorted into fractions. The ballast is sorted according to its characteristics and/or processing and/or separation of at least one rejected fraction. The material is passed to a second stage (350) where it is washed and especially for washing out fine granular material and/or the separation of clay, and then stored for laying at the permanent way working site.

IPC 1-7  
**E01B 27/10; E01C 19/05**

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

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

Citation (search report)  
• [XA] EP 0940502 A2 19990908 - WIEBE HERMANN GRUNDSTUECK [DE]  
• [XA] DE 531681 C 19310901 - GEWERK EISENHUETTE WESTFALIA  
• [XAY] DE 1021006 B 19571219 - SCHEUCHZER FILS AUGUSTE  
• [XA] DE 4301182 A1 19940721 - MOEBIUS JOSEF BAU [DE]  
• [X] DE 20002433 U1 20000511 - THOMA ROBERT [DE]  
• [Y] US 4133388 A 19790109 - BOYER JEAN-JACQUES  
• [A] EP 0327678 A2 19890816 - GRONHOLZ CLAUS  
• [A] GB 1519316 A 19780726 - PLASSER BAHNBAUMASCH FRANZ  
• [A] US 4635664 A 19870113 - THEURER JOSEF [AT], et al  
• [A] US 4203493 A 19800520 - MILLER JOHN R [US]

Cited by  
DE102017116240A1; CN114319019A; CN102898052A; EP2224061A3; ITMI20111485A1; EP2708647A3; CN114381983A; FR2998589A1; FR2887267A1; FR3009316A1; AT509460A4; AT509460B1; EP3805457A1; WO2014080122A1; WO2013018052A1; WO2015015074A1; WO2012052107A1; WO2019162014A1; EP2622139B1

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 1249537 A2 20021016; EP 1249537 A3 20031210; EP 1249537 B1 20070404**; AT E358750 T1 20070415; CY 1106603 T1 20120125; DE 50209854 D1 20070516; DK 1249537 T3 20070813; ES 2284737 T3 20071116

DOCDB simple family (application)  
**EP 02005667 A 20020312**; AT 02005667 T 20020312; CY 071100672 T 20070517; DE 50209854 T 20020312; DK 02005667 T 20020312; ES 02005667 T 20020312