

Title (en)  
Method of renewing a ballastway

Title (de)  
Verfahren zur Oberbausanierung von Schienenwegen unter Einsatz einer Planumsverbesserungsmaschine, Planumsverbesserungsmaschine

Title (fr)  
Procedée de rénovation de ballast de voie

Publication  
**EP 1643035 B1 20070725 (DE)**

Application  
**EP 05021587 A 20051004**

Priority  
DE 102004048169 A 20041002

Abstract (en)  
[origin: EP1643035A2] The process has level improvement machine (10), which measures the rail track bed by means of geo radar measuring head (40) which is mounted on level improvement machine during the design phase of the sanitation work. Level improvement machine determines contamination level of crushed stone layer of rail track bed and receives data by pattern recognition. An independent claim is also included for the level improvement machine.

IPC 8 full level  
**E01B 27/06** (2006.01); **E01B 27/10** (2006.01)

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

Cited by  
DE202007011501U1; DE102008007705A1; AT505679B1; DE202010012355U1; WO2009029969A1; EP2025810A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1643035 A2 20060405; EP 1643035 A3 20060419; EP 1643035 B1 20070725**; AT E368150 T1 20070815; DE 102004048169 A1 20060413; DE 502005001088 D1 20070906

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