

Title (en)  
Method for scanning a track bed

Title (de)  
Verfahren zum Abtasten einer Gleislage

Title (fr)  
Procédé de balayage de voie ferrée

Publication  
**EP 1650348 B1 20080305 (DE)**

Application  
**EP 05105340 A 20050617**

Priority  
AT 15882004 A 20040922

Abstract (en)  
[origin: US2006059697A1] In a method of tracing a track geometry immediately ahead of a ballast pick-up device of a cleaning machine in a working direction, a first and a second measuring chord are guided on the track by a respective front and rear end point. A versine measured by a first versine sensor of the first measuring chord is stored, in connection with a distance measurement, for registering the rear end point of the first measuring chord as a desired position with respect to a local track point. After the rear end point of the second measuring chord has reached the local track point, the rear end point is displaced until a measurement value corresponding to the stored versine is reached by a second versine sensor, and thus the desired position has been attained.

IPC 8 full level  
**E01B 35/00** (2006.01)

CPC (source: EP US)  
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Cited by  
EA032060B1; US11802380B2; WO2014166576A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 2006059697 A1 20060323; US 7181851 B2 20070227**; AT E388274 T1 20080315; AU 2005211637 A1 20060406;  
AU 2005211637 B2 20100520; CN 100523379 C 20090805; CN 1752343 A 20060329; DE 502005003071 D1 20080417;  
DK 1650348 T3 20080609; EP 1650348 A2 20060426; EP 1650348 A3 20060823; EP 1650348 B1 20080305; ES 2302128 T3 20080701;  
JP 2006090122 A 20060406; JP 4902980 B2 20120321; PL 1650348 T3 20080829; RU 2293154 C1 20070210

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