Title (en)
Method for accurate spacial positioning of rail fixing bodies or of tool equipments and measurement apparatus to this effect

Title (de)
Verfahren zum räumlich hochgenauen Positionieren von Schienenbefestigungskörpern oder Werkzeugen und Vermessungsvorrichtung dafür

Title (fr)
Méthode de positionnement précis de corps de fixation de rails ou d'équipements d'outil et appareil de mesure à cet effet

Publication
EP 1338702 B1 20041215 (DE)

Application
EP 02003890 A 20020221

Priority
EP 02003890 A 20020221

Abstract (en)
[origin: EP1338702A1] The method involves providing first reference points near the desired position of a rail attachment body or tool, determining their positions in an external reference system, detecting the first reference points and positioning the attachment body or tool using the detected first reference points. The position attachment body or tool is determined both in a sensor reference system and also in the external reference system during positioning. The method involves using a measurement device (1), providing first reference points (11) near the desired position of a rail attachment body (2) or tool, determining their positions in an external reference system (12), detecting the first reference points and positioning the attachment body or tool using the detected first reference points. The position of the attachment body or tool is determined both in a sensor (8) reference system (10) and also in the external reference system during positioning. An Independent claim is also included for a measurement device for implementing the inventive method.

IPC 1-7
E01B 29/04; E01B 35/00

IPC 8 full level
E01B 29/04 (2006.01); **E01B 35/00** (2006.01)

CPC (source: EP)
E01B 29/005 (2013.01); **E01B 29/04** (2013.01); **E01B 35/00** (2013.01); E01B 2203/10 (2013.01); E01B 2204/06 (2013.01)

Cited by
WO2007124997A1; EP1387004A3; DE102010053148A1; CN117626728A

Designated contracting state (EPC)
AT CH DE FR IT LI NL

DOCDB simple family (publication)
EP 1338702 A1 20030827; **EP 1338702 B1 20041215**; AT E284998 T1 20050115; DE 50201768 D1 20050120

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EP 02003890 A 20020221; AT 02003890 T 20020221; DE 50201768 T 20020221