

Title (en)

TRACK CONSTRUCTION MACHINE, FOR EXAMPLE TAMPING MACHINE

Title (de)

GLEISBAUMASCHINE, BEISPIELSWEISE GLEISSTOPFMASCHINE

Title (fr)

ENGIN DE POSE DE VOIES FERRÉES, PAR EXEMPLE UNE MACHINE DE BOURRAGE

Publication

**EP 3310963 A1 20180425 (DE)**

Application

**EP 16725033 A 20160517**

Priority

- AT 3822015 A 20150617
- EP 2016000812 W 20160517

Abstract (en)

[origin: WO2016202420A1] A common reference base (13) of a track-position measurement system (10) consists of a single measurement chord (14), which is arranged centrally between the rails (4) and extends in the machine longitudinal direction. On a central track-position measurement unit (12), two sensors (16) for determining a longitudinal height and for determining a versine are arranged, which sensors each contact the measurement chord (14). Each track-position measurement unit (12) has two laser scanners (17), which are associated with respective rails (4), for scanning in a y-axis extending normally to a rail longitudinal direction and in a z-axis extending in a vertical direction. Thus, a simplification of the track-position measurement system (10) with increased accuracy can be achieved.

IPC 8 full level

**E01B 35/06** (2006.01); **E01B 27/16** (2006.01); **E01B 27/17** (2006.01); **E01B 35/04** (2006.01); **E01B 35/08** (2006.01)

CPC (source: AT EP US)

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Citation (search report)

See references of WO 2016202420A1

Cited by

US11782160B2; US11560165B2; US11919551B2

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016202420 A1 20161222**; AT 517345 A4 20170115; AT 517345 B1 20170115; CN 107849829 A 20180327; CN 107849829 B 20200317; EP 3310963 A1 20180425; EP 3310963 B1 20190327; ES 2728570 T3 20191025; US 10619313 B2 20200414; US 2018106000 A1 20180419

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