

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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E01B 27/16 (2013.01 - EP US); **E01B 35/04** (2013.01 - US)

Citation (search report)
See references of WO 2016202420A1

Cited by
US11782160B2; US11560165B2; US11919551B2

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DOCDB simple family (publication)
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