

Title (en)
Tampering machine

Title (de)
Stopfmaschine

Title (fr)
Bourreuse

Publication
EP 1143069 B1 20040707 (DE)

Application
EP 01890054 A 20010228

Priority
AT 2722000 U 20000407

Abstract (en)
[origin: EP1143069A1] The machine has a rail lifting unit between bogies for leveling and aligning a main rail forming a rail plane and traveled by a bogie, an additional device for lifting a branch rail of a set of points and a common measurement system for controlled lifting of the points with a measurement transmitter contacting the main rail forming a reference line with a light beam and a measurement receiver contacting the branch rail to record the reference line. The machine has a rail lifting unit (17) between bogies for leveling and aligning a main rail (32) forming a rail plane and traveled by a track bogie, an additional lifting device (18) for lifting a branch rail (27) of a set of points (28) and a common measurement system (20) for controlled lifting of the points. The measurement system has a measurement transmitter (23) in contact with the main rail forming a reference line (38) with a light beam and a measurement receiver (35) in contact with the branch rail to record the reference line.

IPC 1-7
E01B 27/17; **E01B 35/04**

IPC 8 full level
E01B 27/17 (2006.01); **E01B 35/00** (2006.01); **E01B 35/04** (2006.01); **E01B 27/20** (2006.01)

CPC (source: EP US)
E01B 27/17 (2013.01 - EP US); **E01B 35/04** (2013.01 - EP US)

Cited by
WO2011107201A1; WO2019223939A1; CN110375693A; CN102770598A; EA020864B1; CN110361732A; DE102019116538A1; EP3009564A1; US8616133B2; US12043964B2

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