

Title (en)
Railroad maintenance machine for correcting the position of the track

Title (de)
Gleisbaumaschine zur Korrektur der Gleislage

Title (fr)
Machine de construction pour voies ferrées corrigeant la position de la voie

Publication
EP 0652325 B1 19990519 (DE)

Application
EP 94890158 A 19940930

Priority
AT 224693 A 19931105

Abstract (en)
[origin: EP0652325A2] A railroad maintenance machine for correcting the position of the track has a machine frame (7), which is supported on rail running gear and equipped with lining drives (13) for lateral correction of the track position, and measuring carriages (recording cars) (24-26) capable of rolling on a track. These measuring carriages form, together with the machine frame (7) serving as reference basis and also with measurement transducers (32,33,34), a reference system (30) for detection of the actual track position. The measuring carriages (24,26), situated at the front and at the rear end of the reference system (30) in relation to the working direction, are assigned respective banking measurement devices (37,38). In addition, a pressure transducer (39) for detection of the lining forces of the lining drives (13) is provided. <IMAGE>

IPC 1-7
E01B 27/17; **E01B 35/04**; **E01B 33/06**

IPC 8 full level
E01B 33/00 (2006.01); **B61D 15/00** (2006.01); **E01B 27/13** (2006.01); **E01B 27/17** (2006.01); **E01B 33/06** (2006.01); **E01B 35/00** (2006.01); **E01B 35/04** (2006.01); **E01B 35/06** (2006.01)

CPC (source: EP US)
E01B 27/17 (2013.01 - EP US); **E01B 35/04** (2013.01 - EP US); **E01B 2203/16** (2013.01 - EP US)

Cited by
EP3358079A1; US10174461B2; WO2016090401A1

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

DOCDB simple family (publication)
EP 0652325 A2 19950510; **EP 0652325 A3 19960529**; **EP 0652325 B1 19990519**; AT E180297 T1 19990615; AU 672921 B2 19961017; AU 7420394 A 19950518; CA 2135036 A1 19950506; CA 2135036 C 20050118; CN 1066509 C 20010530; CN 1105082 A 19950712; CZ 252394 A3 19950517; CZ 281099 B6 19960612; DE 59408278 D1 19990624; ES 2133526 T3 19990916; FI 108660 B 20020228; FI 945211 A0 19941104; FI 945211 A 19950506; HU 217053 B 19991129; HU 9403156 D0 19941228; HU T71036 A 19951128; JP 3609861 B2 20050112; JP H07189206 A 19950728; PL 175928 B1 19990331; PL 305700 A1 19950515; RU 2097471 C1 19971127; RU 94039541 A 19961220; SK 125794 A3 19960904; SK 280471 B6 20000214; UA 29439 C2 20001115; US 5481982 A 19960109

DOCDB simple family (application)
EP 94890158 A 19940930; AT 94890158 T 19940930; AU 7420394 A 19940926; CA 2135036 A 19941103; CN 94118173 A 19941105; CZ 252394 A 19941012; DE 59408278 T 19940930; ES 94890158 T 19940930; FI 945211 A 19941104; HU 9403156 A 19941103; JP 27138994 A 19941104; PL 30570094 A 19941102; RU 94039541 A 19941031; SK 125794 A 19941018; UA 94105972 A 19941027; US 33532294 A 19941107