

Title (en)

Railway track machine for the controlled lowering of a track.

Title (de)

Gleisbaumaschine zum kontrollierten Absenken eines Gleises.

Title (fr)

Engin de pose pour l'abaissement contrôlé d'une voie.

Publication

EP 0497232 B1 19940518 (DE)

Application

EP 92101216 A 19920125

Priority

AT 21891 A 19910201

Abstract (en)

[origin: EP0497232A2] Continuously movable railway track machine (1) for the controlled lowering of a track with travelling mechanism, a control device (9) and, supported on travelling gear (2), a machine frame (4) which is connected to at least one stabilisation aggregate (10) which has vibrators, which can be acted upon with a vertical load and height-adjusted by drives (11), for producing vibrations running approximately horizontally and in the transverse direction of the machine, and with a levelling reference system (15) which has a reference basis and a measuring axletree (17) which can be rolled on the track. Both in the region of the stabilisation aggregate (10) and in the front, in the working direction, end region of the machine (1), there is in each case arranged a transverse inclinometer (19, 21). For the delayed delivery of the measured value determined by the front, first transverse inclinometer (19), an intermediate store is provided. <IMAGE>

IPC 1-7

E01B 27/12; **E01B 27/20**

IPC 8 full level

E01B 29/16 (2006.01); **E01B 27/12** (2006.01); **E01B 27/20** (2006.01); **E01B 33/00** (2006.01); **E01B 35/00** (2006.01); **E01B 35/06** (2006.01); **E01B 35/08** (2006.01)

CPC (source: EP US)

E01B 27/20 (2013.01 - EP US)

Cited by

CN104350205A; CN113454286A; WO2020177967A1

Designated contracting state (EPC)

AT CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0497232 A2 19920805; **EP 0497232 A3 19920902**; **EP 0497232 B1 19940518**; AT E105886 T1 19940615; AU 1047892 A 19920806; AU 642803 B2 19931028; CA 2059998 A1 19920802; CA 2059998 C 20010904; CN 1030787 C 19960124; CN 1063917 A 19920826; CZ 26992 A3 19930512; CZ 278346 B6 19931117; DE 59200157 D1 19940623; DK 0497232 T3 19940926; ES 2053344 T3 19940716; HU 208347 B 19930928; HU 9200287 D0 19920428; HU T61060 A 19921130; JP 2860200 B2 19990224; JP H0551905 A 19930302; PL 168774 B1 19960430; PL 293253 A1 19920921; RU 2048632 C1 19951120; SK 26992 A3 19941207; SK 277776 B6 19941207; UA 27255 C2 20000815; US 5172637 A 19921222

DOCDB simple family (application)

EP 92101216 A 19920125; AT 92101216 T 19920125; AU 1047892 A 19920128; CA 2059998 A 19920124; CN 92100668 A 19920130; CS 26992 A 19920130; DE 59200157 T 19920125; DK 92101216 T 19920125; ES 92101216 T 19920125; HU 9200287 A 19920130; JP 1658692 A 19920131; PL 29325392 A 19920122; SK 26992 A 19920130; SU 5010718 A 19920131; UA 93002583 A 19930618; US 80687291 A 19911212