Title (en)

COVERING LEVEL WITH RAILS FOR RAILWAY TRACKS

Title (de)

SCHIENENGLEICHE EINDECKUNG FÜR GLEISE

Title (fr)

RECOUVREMENT DE NIVEAU AVEC DES RAILS, POUR VOIES FERREES

Publication

EP 0904461 A1 19990331 (DE)

Application

EP 97925766 A 19970611

Priority

- AT 9700122 W 19970611
- AT 101596 A 19960611

Abstract (en)

[origin: US6196470B1] A level cover for tracks (1), wherein the space (4) present between the two rails of a track is bridged by slabs (5, 6) arranged in pairs, which slabs are merely supported on the rails (2, 3) and bridge the distance (13) between the rails self-supportingly, the two slabs of the slab pairs being assembled in hinge-like manner. At their facing rims (15, 16), the slabs (5, 6) of each slab pair have carrying portions (17) and resting portions (18) alternatingly following each other in meander-like fashion, the carrying portions being formed by indentations (20) originating from the slab upper side (19) and extending as far as to the rim facing the other slab, upwardly directed indentations (22) originating from the slab lower side (21) being formed below the resting portions (18), which indentations are shaped complementary to the indentations of the carrying portions. The resting portions of the one slab rest on the carrying portions of the other slab, and the resting portions of the other slab rest on the carrying portions of the one slab. The slabs for the level cover are preferably made of concrete and provided with a reinforcement.

IPC 1-7

E01B 19/00

IPC 8 full level

E01B 19/00 (2006.01); **E01C 9/04** (2006.01)

CPC (source: EP US)

E01B 19/003 (2013.01 - EP US); **E01C 9/04** (2013.01 - EP US)

Cited by

EP1158097A3; US9816320B1; US9725957B2; FR3099936A1; USD866613S; WO2007076981A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

US 6196470 B1 20010306; AT 405426 B 19990825; AT A101596 A 19981215; AT E209732 T1 20011215; AU 3082697 A 19980107; AU 715906 B2 20000210; CA 2255943 A1 19971218; CA 2255943 C 20060912; CN 1111227 C 20030611; CN 1221464 A 19990630; CZ 290803 B6 20021016; CZ 408098 A3 19990512; DE 59705560 D1 20020110; DK 0904461 T3 20020325; EP 0904461 A1 19990331; EP 0904461 B1 20011128; ES 2164347 T3 20020216; HU 226366 B1 20080929; HU P0002071 A2 20001028; HU P0002071 A3 20020128; JP 2000511606 A 20000905; JP 3819938 B2 20060913; NO 313889 B1 20021216; NO 985767 D0 19981209; NO 985767 L 19990126; PL 184279 B1 20020930; PL 330321 A1 19990510; PT 904461 E 20020531; SK 170898 A3 19990611; SK 284517 B6 20050505; TW 340149 B 19980911; WO 9747816 A1 19971218

DOCDB simple family (application)

US 20230798 A 19981211; AT 101596 A 19960611; AT 9700122 W 19970611; AT 97925766 T 19970611; AU 3082697 A 19970611; CA 2255943 A 19970611; CN 97195375 A 19970611; CZ 408098 A 19970611; DE 59705560 T 19970611; DK 97925766 T 19970611; EP 97925766 A 19970611; ES 97925766 T 19970611; HU P0002071 A 19970611; JP 50098598 A 19970611; NO 985767 A 19981209; PL 33032197 A 19970611; PT 97925766 T 19970611; SK 170898 A 19970611; TW 86107954 A 19970610