

Title (en)

Prefabricated modular member, permanent railway for tramways and subways including said member, and process for laying the same

Title (de)

Vorgefertigtes modulares Element, dieses Element einschließendes permanentes Tramwaygleis und unterirdisches Gleis, und Verfahren zu deren Auflegen

Title (fr)

Élément modulaire préfabriqué, voie ferrée permanente pour tramways ou voie souterraine comprenant cet élément, et procédé pour leur pose

Publication

**EP 1700954 A3 20070221 (EN)**

Application

**EP 05028361 A 20051223**

Priority

IT MI20042465 A 20041223

Abstract (en)

[origin: EP1700954A2] The present invention is a prefabricated modular member (1) for making a permanent way, including tracks and track equipment, comprising a reinforced concrete platform (2) having two main surfaces and one lateral peripheral surface, at least one vent-hole (3) whose ends open out of these two main surfaces, a plurality of level adjustment elements to adjust the height and inclination of the platform, at least one pair of rails (7) or special track equipment parts secured to one of the main surfaces of the platform, characterized in that it includes a plurality of first anchors (4a) at one of said main surfaces to allow lifting and handling of the platform, and in that rails or special track equipment parts are anchored to the platform by means of screws, which are held in guides (11) embedded in the platform, these guides being oriented transverse to the rails.

IPC 8 full level

**E01B 1/00** (2006.01); **E01B 3/40** (2006.01); **E01B 9/28** (2006.01); **E01B 9/66** (2006.01); **E01B 21/00** (2006.01)

CPC (source: EP)

**E01B 1/002** (2013.01); **E01B 3/40** (2013.01); **E01B 7/22** (2013.01); **E01B 9/28** (2013.01); **E01B 9/66** (2013.01); **E01B 21/00** (2013.01)

Citation (search report)

- [DYA] DE 19948003 A1 20010412 - BOEGL MAX BAUUNTERNEHMUNG GMBH [DE]
- [Y] FR 2228892 A1 19741206 - KRUPP AG HUETTENWERKE [DE]
- [A] EP 0327247 A2 19890809 - AMATEK LTD [AU]
- [A] WO 9100400 A1 19910110 - PREFATECH AB [SE]
- [A] US 4173856 A 19791113 - FRICKER SIEGFRIED [DE]
- [A] US 4948073 A 19900814 - EDWARDS CLARENCE K [US], et al
- [DA] EP 0983400 B1 20020925 - MECNO RAIL S R L [IT]

Cited by

CN108611933A; JP2018076673A; JP2017110334A; FR2942482A1; RU167457U1; EP3460125A1; FR3122886A1; GB2602673B; GB2602688B; FR2993582A1; GB2554348A; GB2554348B; GB2618743A; GB2621708A; GB2618743B; GB2621708B; WO2022243088A1; WO2022153046A1; WO2022153049A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1700954 A2 20060913; EP 1700954 A3 20070221**; IT MI20042465 A1 20050323

DOCDB simple family (application)

**EP 05028361 A 20051223**; IT MI20042465 A 20041223