

Title (en)

Underground track replacement in tube tunnels

Title (de)

Verfahren zum Ersetzen von Gleisen in Tunneln

Title (fr)

Procédé pour le renouvellement de voies ferrées en tunnel

Publication

**EP 1775381 A1 20070418 (EN)**

Application

**EP 06021325 A 20061011**

Priority

NL 1030175 A 20051012

Abstract (en)

The invention is concerned with a method of replacing, in an existing underground, the original track within the tunnel. The old track is removed and from outside the tunnel via a station entrance, separate, prefabricated elongated elements (4) are supplied and installed to bear a running rail (1). Coupling elements (5) are supplied from outside the tunnel and are mounted to the elements (4) to keep them at a mutual distance. The elements (4) contain recesses (6) and the elements (4) are positioned such that the recesses (6) receive the typical radial coupling flanges of the tunnel sections that project inwards from the tunnel wall, such that the elements (4) bear with a large surface area on the tunnel wall.

IPC 8 full level

**E01B 2/00** (2006.01)

CPC (source: EP)

**E01B 2/003** (2013.01); **E01B 29/00** (2013.01)

Citation (search report)

- [X] FR 2666599 A1 19920313 - SUD OUEST TRAVAUX [FR]
- [PA] EP 1700955 A1 20060913 - VOLKER RAIL NEDERLAND BV [NL]
- [A] EP 0894897 A1 19990203 - WALO BERTSCHINGER AG [CH]
- [A] US 4616395 A 19861014 - FARESE VIRGIL A [US], et al

Cited by

CN102828451A

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 1775381 A1 20070418**

DOCDB simple family (application)

**EP 06021325 A 20061011**