

Title (en)

Method and system for forming a tunnel beneath a travelway

Title (de)

Methode und System zur Erstellung eines Tunnels unter einer Bahn

Title (fr)

Méthode et système pour construire un tunnel sous une voie

Publication

**EP 1820934 A1 20070822 (EN)**

Application

**EP 06394005 A 20060217**

Priority

EP 06394005 A 20060217

Abstract (en)

A system forming a tunnel beneath a railway (1) comprises a tunnel member (3) a platform member (2) eight support members (4), a slide member (5) for the tunnel member (3), and two slide members (6) for the platform member (2). In use, the tunnel member (3) is constructed in-situ adjacent to one side of the railway (1) resting upon the tunnel slide member (5), and the platform member (2) is constructed in-situ adjacent to the opposite side of the railway (1) resting upon the pair of platform slide members (6). A section of the railway (1) is then removed and part of the ground that was beneath the removed section of the railway (1) is excavated. The platform member (2) is pushed along the platform slide members (6) until the platform member (2) is resting upon the eight support members (4), and the removed section of the railway (1) is then replaced. The ground beneath the railway (1) and the platform member (2) is then excavated, and the tunnel member (3) is pushed along the tunnel slide member (5) until the tunnel member (3) is under the railway (1). The tunnel slide member (5) and the platform slide members (6) are then removed. In this manner the tunnel is formed beneath the railway (1).

IPC 8 full level

**E21D 9/00** (2006.01); **E02D 29/045** (2006.01)

CPC (source: EP)

**E02D 29/05** (2013.01); **E21D 9/005** (2013.01)

Citation (search report)

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