

Title (en)

METHOD FOR CONSTRUCTING A TUNNEL WITH LITTLE EARTH COVER UNDER RAILWAY TRACKS OR THE LIKE

Publication

EP 0309739 B1 19920318 (DE)

Application

EP 88113864 A 19880825

Priority

DE 3733246 A 19871001

Abstract (en)

[origin: EP0309739A2] In the method for producing an underground structure, preferably a tunnel, with little earth cover under railway tracks or the like, the individual concreted structure or tunnel sections are advanced in the timed shifting process after their production. In order to prevent movements in the covering earth and the railway tracks during the digging-out of the earth at the local face and during the advancing of the tunnel sections, the rails, together with the sleepers and ballast foundation, are removed in sections. In a dug-out, flat pit is installed a covering reinforced concrete slab, onto which the ballast bed and the track skeleton are mounted again. The same procedure is followed in neighbouring areas and the reinforced concrete slab has further reinforced concrete slabs concreted onto it until the region through which a tunnel is to be driven is overlapped by a continuous concrete slab. After this concrete slab, which forms a securing means for the track, has been erected, the tunnel sections are advanced underneath said slab. <IMAGE>

IPC 1-7

E01D 21/04

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0990768A1; CN104790959A; EP1712734A1; CN105064314A; NL1013611C2; CN105114127A; EP0431909A1; US5129760A; WO2012090013A3; WO9849425A1

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