

Title (en)
METHOD FOR PRODUCING A BALLASTLESS TRACK

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER FESTEN FAHRBAHN

Title (fr)
PROCÉDÉ DE PRODUCTION D'UNE VOIE SANS BALLAST

Publication
EP 1974099 A1 20081001 (DE)

Application
EP 07711153 A 20070117

Priority
• DE 2007000109 W 20070117
• DE 102006002375 A 20060117

Abstract (en)
[origin: WO2007082519A1] The invention relates to a method for producing railway tracks of the ballastless track-type that are not entirely supported, especially for the reconstruction of existing railway systems. According to said method, foundations are introduced into the soil at predetermined intervals along the railway track, especially in the form of injection piles, the soil is dug out down to a predetermined level and caissons are positioned at least in the area above the previously introduced foundations. The soil inside the caissons is removed down to a further level while simultaneously lowering the caissons, thereby producing an excavation, a transverse girder is functionally connected to the foundation, especially the injection piles, and said transverse girder is connected in a subsequent step to the longitudinal girders which support the track that is not entirely supported.

IPC 8 full level
E01B 2/00 (2006.01)

CPC (source: EP)
E01B 2/006 (2013.01); **E02D 5/34** (2013.01); **E02D 5/80** (2013.01)

Citation (search report)
See references of WO 2007082519A1

Cited by
US11688377B2; US10741155B2; US10997958B2; US12046223B2; US10991350B2; US11710471B2; US10741154B2; US10957296B2; US12046222B2

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

DOCDB simple family (publication)
DE 102006002375 B3 20070719; CA 2637208 A1 20070726; EP 1974099 A1 20081001; WO 2007082519 A1 20070726

DOCDB simple family (application)
DE 102006002375 A 20060117; CA 2637208 A 20070117; DE 2007000109 W 20070117; EP 07711153 A 20070117