

Title (en)
METHOD FOR RENOVATING A RAILWAY LINE

Title (de)
VERFAHREN ZUR RENOVIERUNG EINER SCHIENENSTRCKE

Title (fr)
PROCÉDÉ DE RENOVATION D'UN CHEMIN DE FER

Publication
EP 3885491 B1 20230628 (EN)

Application
EP 21158715 A 20210223

Priority
IT 202000006484 A 20200327

Abstract (en)
[origin: EP3885491A1] A method for renovating a section of an existing railway line with the removal of a ballast, comprising:i) a first group of steps comprising the steps of:- removing rails, sleepers and ballast of a section of the railway line;- preparing a support layer (10) of said section of the railway line;- positioning a prefabricated foundation module (21) on said layer (10);- superposing on said foundation module (21) a prefabricated superstructure plate (81) intended to support one or more rails;- positioning a temporary stopper (3) in a corresponding seat (810) of the superstructure plate (81); the step of positioning a temporary stopper (3) in a corresponding seat (810) of the superstructure plate (81) being able or not to be part of the step of superposing with said foundation module (21) a prefabricated superstructure plate (81);- constraining said stopper (3) to the foundation module (21);- positioning one or more rails (9) on the prefabricated superstructure plate (81) to enable the transit of rolling stock along said section of the railway line;ii) a second group of steps comprising the steps of:-removing said temporary stopper (3) from the seat (810);-creating a bedding layer (5) between the module (21) and the superstructure plate (81); the step of creating the bedding layer (5) comprising the step of introducing by injection a material intended to fill the seat (810) and a space between the foundation module (21) and the superstructure plate (81).

IPC 8 full level
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