

Title (en)

LONGITUDINAL MODULAR SYSTEM WITH BOARDS FOR TWIN-TRACK RAILWAY BRIDGES AND CONSTRUCTION METHOD

Title (de)

MODULARES LÄNGSSYSTEM MIT PLATTEN FÜR ZWEISPURIGE EISENBAHNBRÜCKEN UND KONSTRUKTIONSVERFAHREN

Title (fr)

SYSTÈME MODULAIRE LONGITUDINAL AVEC TABLIERS DE PONTS POUR VOIES FERRÉES À DEUX VOIES ET PROCÉDÉ DE CONSTRUCTION

Publication

EP 3862488 A4 20211222 (EN)

Application

EP 18936205 A 20181003

Priority

ES 2018070639 W 20181003

Abstract (en)

[origin: EP3862488A1] A longitudinal modular system with boards (3) for underpass bridges for installation of two tracks for railway circulation in which the board (3) is placed between two consecutive piers (4) and comprises a pair of longitudinal beams (1), which themselves comprise a lower wing (1c), for supporting on the piers (4), a core (1b) and an upper wing (1a); and a plurality of transversal slabs (2) that are attached to the lower wings (1c) of the longitudinal beams (1), thus forming a U-shaped configuration, where the length of the longitudinal beams (1) is essentially similar to the span between two piers (4), and the configuration of the board (3) has a transversal, U-shaped section such that the railway circulates inside said U shape. The invention also describes the method for constructing same.

IPC 8 full level

E01D 15/133 (2006.01); **E01D 19/00** (2006.01)

CPC (source: EP US)

E01D 2/00 (2013.01 - EP); **E01D 2/04** (2013.01 - US); **E01D 19/125** (2013.01 - US); **E01D 21/00** (2013.01 - EP); **E01D 21/06** (2013.01 - US); **E01D 2101/26** (2013.01 - EP US)

Citation (search report)

- [X] KR 101199731 B1 20121108
- See references of WO 2020070346A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3862488 A1 20210811; **EP 3862488 A4 20211222**; CA 3113893 A1 20200409; US 2021372059 A1 20211202; WO 2020070346 A1 20200409

DOCDB simple family (application)

EP 18936205 A 20181003; CA 3113893 A 20181003; ES 2018070639 W 20181003; US 201817282118 A 20181003