Title (en)

A high safety, modular system for provisionally supporting working railway tracks during under-track works.

Title (de)

Modulares System für das temporäre Abstützen von Schienen

Title (fr)

Système modulaire de support provisoire de voies ferrées

Publication

EP 1621671 A2 20060201 (EN)

Application

EP 05380135 A 20050623

Priority

ES 200401870 A 20040729

Abstract (en)

A high safety, modular system for provisionally supporting working railway tracks during under-track works. In order to carry out infrastructures such as underpasses under the railway tracks a number of rails (V1,V2) are arranged in a parallel arrangement with respect to the railway track, said rails (V1,V2) being inferiorly connected to each other by a transversal rail section, this system being nevertheless hard to implement and lacking in solidity. The modular system of the invention comprises a plurality of loadbearing crossbeams (VC) being arranged in an inferior and transversal arrangement with respect to the railway track rails (V1,V2), said loadbearing crossbeams (VC) being parallel to the crossties (T), and a number of pairs of longitudinal staying beams (VA) being arranged in a parallel arrangement with respect to the railway track rails (V1,V2) in the middle area between them and at both their sides, said staying beams (VA) resting on the plurality of loadbearing crossbeams (VC), the loadbearing crossbeams (VC) and the staying beams (VA) being joined together by means of lowerable steel blocks (JN).

IPC 8 full level

E01B 1/00 (2006.01); **E01B 2/00** (2006.01); **E01B 37/00** (2006.01)

CPC (source: EP ES)

E01B 1/00 (2013.01 - EP); **E01B 2/003** (2013.01 - EP); **E01B 37/00** (2013.01 - EP ES); **E21D 9/005** (2013.01 - EP); E01B 2/00 (2013.01 - EP)

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EP 05380135 A 20050623; AT 05380135 T 20050623; DE 602005005398 T 20050623; ES 05380135 T 20050623; ES 200401870 A 20040729; PT 05380135 T 20050623