

Title (en)

MONITORING DEVICE FOR MONITORING A TEMPORARY RAIL CONNECTION OF TWO RAIL PORTIONS OF A RAIL AND RAIL CONNECTION SYSTEM HAVING SUCH A MONITORING DEVICE

Title (de)

ÜBERWACHUNGSVORRICHTUNG ZUR ÜBERWACHUNG EINER TEMPORÄREN SCHIENENVERBINDUNG VON ZWEI SCHIENENABSCHNITTEN EINER SCHIENE UND SCHIENENVERBINDUNGSSYSTEM MIT EINER DERARTIGEN ÜBERWACHUNGSVORRICHTUNG

Title (fr)

ARRANGEMENT DE SURVEILLANCE POUR LA SURVEILLANCE D'UNE LIAISON FERROVIAIRE TEMPORAIRE DE DEUX TRONÇONS D'UN RAIL ET SYSTÈME DE LIAISON FERROVIAIRE COMPRENANT UN TEL ARRANGEMENT DE SURVEILLANCE

Publication

**EP 3817960 B1 20240124 (DE)**

Application

**EP 19765450 A 20190905**

Priority

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- EP 2019073647 W 20190905

Abstract (en)

[origin: CA3111680A1] A monitoring device for monitoring a temporary rail connection of two rail portions comprises a first fixing element which can be fixed to the first rail portion, and a second fixing element which can be fixed to the second rail portion. The monitoring device furthermore comprises a first distance sensor for measuring a first distance between the fixing elements, and a second distance sensor for measuring a second distance between the first fixing element and a first clamping device of the temporary rail connection. The monitoring device allows reliable monitoring of the temporary rail connection.

IPC 8 full level

**B61L 1/20** (2006.01); **B61L 27/53** (2022.01); **E01B 11/18** (2006.01)

CPC (source: EP US)

**B61K 9/08** (2013.01 - US); **B61L 1/20** (2013.01 - EP); **B61L 27/53** (2022.01 - EP); **E01B 11/02** (2013.01 - US); **E01B 11/12** (2013.01 - US); **E01B 11/18** (2013.01 - US); **E01B 11/20** (2013.01 - US); **E01B 11/22** (2013.01 - US); **E01B 11/36** (2013.01 - US); **B61K 9/10** (2013.01 - US); **B61L 1/20** (2013.01 - US); **B61L 27/53** (2022.01 - US); **E01B 11/18** (2013.01 - EP)

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