

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 A1 20210512 (DE)

Application
EP 19765450 A 20190905

Priority
• DE 202018105484 U 20180924
• 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 27/00** (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)

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)
DE 202018105484 U1 20200102; AU 2019351599 A1 20210318; AU 2019351599 B2 20220804; CA 3111680 A1 20200402; CN 112752695 A 20210504; CN 112752695 B 20230630; DK 3817960 T3 20240415; EA 202190297 A1 20210621; EP 3817960 A1 20210512; EP 3817960 B1 20240124; FI 3817960 T3 20240419; JP 2022502301 A 20220111; JP 7438200 B2 20240226; US 2022032974 A1 20220203; WO 2020064289 A1 20200402

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