

Title (en)

SENSOR DEVICE FOR DETECTING A WHEEL WHICH MOVES ALONG A TRAVEL RAIL

Title (de)

SENSOREINRICHTUNG ZUM DETEKTIEREN EINES SICH ENTLANG EINER FAHRSCHIENE BEWEGENDEN RADES

Title (fr)

DISPOSITIF DE DÉTECTION PERMETTANT DE DÉTECTER UNE ROUE SE DÉPLAÇANT SUR UN RAIL DE ROULEMENT

Publication

EP 2797802 B1 20160413 (DE)

Application

EP 13702398 A 20130124

Priority

- DE 102012202194 A 20120214
- EP 2013051267 W 20130124

Abstract (en)

[origin: WO2013120674A1] The invention relates to a sensor device (10) for detecting a wheel (30) which moves along a travel rail (20), having a first transmitter (11) which is arranged on one side of the travel rail (20) and has the purpose of generating a first electromagnetic alternating field, a receiver (14) which is arranged on the other side of the travel rail (20), and a second transmitter (17) for generating a second electromagnetic alternating field. With regard to the advantages with respect to the operational properties which result therefrom, the sensor device according to the invention is embodied in such a way that the second transmitter (17) is arranged on the other side of the travel rail (20).

IPC 8 full level

B61L 1/08 (2006.01); **B61L 1/16** (2006.01)

CPC (source: EP)

B61L 1/165 (2013.01); **B61L 1/167** (2013.01)

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

DOCDB simple family (publication)

DE 102012202194 A1 20130814; EP 2797802 A1 20141105; EP 2797802 B1 20160413; HR P20160849 T1 20160923; WO 2013120674 A1 20130822

DOCDB simple family (application)

DE 102012202194 A 20120214; EP 13702398 A 20130124; EP 2013051267 W 20130124; HR P20160849 T 20160712