

Title (en)
WHEEL SENSOR

Title (de)
RADSENSOR

Title (fr)
CAPTEUR DE ROUE

Publication
EP 2146887 A1 20100127 (DE)

Application
EP 08759474 A 20080508

Priority
• EP 2008055697 W 20080508
• DE 102007023476 A 20070515

Abstract (en)
[origin: WO2008138860A1] The invention relates to a wheel sensor, in particular for a track clear detection unit, comprising two sensor channels (A, B) that work inductively and have a separate transmitter and receiver that are separated by a railway (1). The aim of the invention is to compensate interference voltages simply and effectively. To achieve this, inductive components assigned to the sensor channels (A, B) are provided on the receiving side, the receiving interference voltages of which, caused by external magnetic fields that affect both components, have equal values and are suppressed by subtraction in a series circuit.

IPC 8 full level
B61L 1/16 (2006.01)

CPC (source: EP)
B61L 1/165 (2013.01); **B61L 1/167** (2013.01)

Citation (search report)
See references of WO 2008138860A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007023476 A1 20081120; DE 102007023476 B4 20090709; EP 2146887 A1 20100127; WO 2008138860 A1 20081120

DOCDB simple family (application)
DE 102007023476 A 20070515; EP 08759474 A 20080508; EP 2008055697 W 20080508