

Title (en)  
WHEEL SENSOR

Title (de)  
RADSENSOR

Title (fr)  
CAPTEUR DE ROUE

Publication  
**EP 2146886 A1 20100127 (DE)**

Application  
**EP 08759473 A 20080508**

Priority  
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Abstract (en)  
[origin: WO2008138858A1] 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, a processing unit is provided to evaluate the level of received signals (8, 9) of the sensor channel (A or B) that is affected by the passing of a wheel and the other non-affected sensor channel (B or A). The processing unit has means for linking the received signals, (in particular by subtraction) (8, 9) of the non-affected and affected sensor channel (A, B).

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