

Title (en)  
WHEEL SENSOR

Title (de)  
RADSENSOR

Title (fr)  
CAPTEUR DE ROUE

Publication  
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Application  
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Abstract (en)  
[origin: WO2010052081A1] The invention relates to a wheel sensor (1), particularly for track release signaling systems, comprising at least one sensor device having an AC-fed sensor coil (2, 6) of an electric oscillating circuit sensitive to an inductive interaction of the sensor coil (2, 6) with passing wheels (20) of rail vehicles, and a further spool (3, 7), which is connected to the sensor coil (2, 6) for suppressing external interference fields in a counter circuit. According to the invention, the further coil (3, 7) is arranged underneath the sensor coil (2, 6), wherein the distance (A) between the further coil (3, 7) and the sensor coil (2, 6) is at least one third of the inside diameter (D) of the sensor coil (2, 6).

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