

Title (en)

METHOD AND DEVICE FOR TRANSMISSION BETWEEN A CONTROL APPLIANCE AND A WHEEL MODULE

Title (de)

VERFAHREN UND EINRICHTUNG ZUR ÜBERTRAGUNG ZWISCHEN EINEM STEUERGERÄT UND EINEM RADMODUL

Title (fr)

PROCEDE ET DISPOSITIF DE TRANSMISSION ENTRE UN APPAREIL DE COMMANDE ET UN MODULE DE ROUE

Publication

EP 1735765 A1 20061227 (DE)

Application

EP 04802968 A 20041221

Priority

- DE 2004002782 W 20041221
- DE 102004016833 A 20040401
- DE 102004052736 A 20041030

Abstract (en)

[origin: WO2005101344A1] The invention relates to a method and a device for wireless transmission between a wheel module (8) arranged in a tyre (3) and an external control appliance (4) comprising a ground antenna (7) located in a roadway (6). A first emission signal (S1) is transmitted from the ground antenna (7) of the control appliance (4) to an antenna of the wheel module (8). Data is transmitted from the wheel module (8) to the control appliance (4) by means of a second emission signal, the first emission signal (S1) having a different frequency (f1) to that of the second emission signal. When the tyre (3) rolls over the ground antenna (7), the first emission signal (S1) is received in the wheel module (8) and the second emission signal is received in the control appliance (4).

IPC 8 full level

G08C 17/02 (2006.01); **B60C 23/04** (2006.01); **H04B 5/02** (2006.01)

CPC (source: EP)

B60C 23/0408 (2013.01); **B60C 23/0479** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005101344 A1 20051027; DE 112004002765 A5 20070524; EP 1735765 A1 20061227

DOCDB simple family (application)

DE 2004002782 W 20041221; DE 112004002765 T 20041221; EP 04802968 A 20041221