

Title (en)

Beacon for a street toll system

Title (de)

Bake für ein Strassenmautsystem

Title (fr)

Capteur radio pour un système de péage de routes

Publication

**EP 2381731 B1 20120328 (DE)**

Application

**EP 10450066 A 20100422**

Priority

EP 10450066 A 20100422

Abstract (en)

[origin: EP2381731A1] The beacon (4) has a transceiver (5) for communication with vehicle on-board units of a road tolling system. The transceiver is additionally equipped and designed with an omni-directional antenna (12). A channel reservation message is transmitted before the beginning of a directional wireless communication. The directional wireless communication is realized according to Dedicated short range communication (DSRC) standard or Wireless access in a vehicle environment (WAVE) standard.

IPC 8 full level

**H04W 74/08** (2009.01); **G07B 15/00** (2011.01)

CPC (source: EP US)

**G07B 15/063** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2381731 A1 20111026; EP 2381731 B1 20120328**; AT E551872 T1 20120415; CA 2737837 A1 20111022; CA 2737837 C 20180102; DK 2381731 T3 20120716; ES 2385209 T3 20120719; PL 2381731 T3 20120928; PT 2381731 E 20120620; SI 2381731 T1 20120731; US 2011263207 A1 20111027; US 8830087 B2 20140909

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