

Title (en)

System and method for measuring movement information according to the Doppler principle

Title (de)

System und Verfahren zur Messung einer Bewegungsinformation nach dem Doppler-Prinzip

Title (fr)

Système et procédé de mesure d'une information de mouvement d'après le principe Doppler

Publication

**EP 1936740 B1 20150916 (DE)**

Application

**EP 07024616 A 20071219**

Priority

DE 102006061312 A 20061222

Abstract (en)

[origin: EP1936740A1] The antenna (220,320), to measure speeds and distances using the Doppler principle, has a frequency selective antenna surface (240,340) to give two different resonance frequencies. The antenna surface can have an arrangement of periodic apertures (250) or insulated conductive elements (350). A chip (210,310) is coupled to the antenna. A transponder (200,300) acts as a permit for tolls, etc.

IPC 8 full level

**H01Q 5/10** (2015.01); **H01Q 15/00** (2006.01); **G06K 19/07** (2006.01); **G07B 15/02** (2011.01); **G07C 9/00** (2006.01); **H01Q 1/22** (2006.01)

CPC (source: EP)

**G07B 15/02** (2013.01); **H01Q 1/2225** (2013.01); **H01Q 15/002** (2013.01)

Citation (examination)

US 5917458 A 19990629 - HO THINH Q [US], et al

Cited by

EP2492848A1; DE102011012230A1

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DOCDB simple family (publication)

**EP 1936740 A1 20080625**; **EP 1936740 B1 20150916**; DE 102006061312 A1 20080626

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