

Title (en)

Locking system for motor vehicles detecting approach of the user

Title (de)

Verriegelungssystem für Kraftfahrzeuge mit Detektor zum Feststellen der Annäherung des Benutzers

Title (fr)

Système de verrouillage pour véhicule automobile équipé d'un système de détection de l'approche d'un utilisateur

Publication

**EP 0918309 B1 20040407 (FR)**

Application

**EP 98402881 A 19981120**

Priority

FR 9714718 A 19971124

Abstract (en)

[origin: EP0918309A1] A metallic plate (15), electrically isolated from the vehicle is driven by a high frequency generator (16). The plate and the vehicle (V) together form a dipole, the capacitance of which is sensitive to neighboring objects. A module that detects variation in capacitance is attached to this dipole and triggers when a person is close. This in turn initiates the vehicle automatic security system which verifies the identity of the person before unlocking the vehicle.

IPC 1-7

**G08B 13/26**; **G07C 9/00**; **E05B 49/00**

IPC 8 full level

**G07C 9/00** (2006.01); **G08B 13/26** (2006.01)

CPC (source: EP US)

**G07C 9/00714** (2013.01 - EP US); **G08B 13/26** (2013.01 - EP US)

Cited by

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**EP 98402881 A 19981120**; DE 69822970 T 19981120; FR 9714718 A 19971124; US 19013298 A 19981112