

Title (en)

Remote control key unit for a vehicle, remote control key system for a vehicle, and arrangement

Title (de)

Fernbedienungsschlüsseleinheit für ein Fahrzeug, Fernbedienungsschlüsselsystem für ein Fahrzeug und Anordnung

Title (fr)

Unité et système de touche de commande à distance pour un véhicule et un arrangement

Publication

**EP 2782081 A1 20140924 (EN)**

Application

**EP 14159883 A 20140314**

Priority

JP 2013060572 A 20130322

Abstract (en)

A remote control key unit (40) for small vehicle includes a key (41) to be inserted into a key cylinder (51) that is included in a small vehicle (1), a holder (42) supporting the key (41) and to be gripped by a user, an operation portion (44) held by the holder (42) and to be operated by the user, a transmitter (47), held by the holder (42), for generating, in response to an operation of the operation portion (44), a signal to be transmitted to a receiver (105) that is included in the small vehicle (1), and an antenna (45), held by the holder (42), for radiating radio waves of the signal generated by the transmitter (47). The antenna (45) is disposed at a position in the holder (42) that is not covered by a hand of the user when the user grips the holder (42) and operates the operation portion (44).

IPC 8 full level

**G08C 17/02** (2006.01)

CPC (source: EP)

**G08C 17/02** (2013.01)

Citation (search report)

- [XYI] DE 10209133 A1 20030911 - VOLKSWAGEN AG [DE]
- [XI] DE 102007021349 A1 20081113 - SCHARFENBERG TOBIAS [DE]
- [Y] EP 1211170 A2 20020605 - YAMAHA MOTOR CO LTD [JP]

Cited by

CN106828675A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2782081 A1 20140924; EP 2782081 B1 20190911**; JP 2014187524 A 20141002; TW 201447087 A 20141216

DOCDB simple family (application)

**EP 14159883 A 20140314**; JP 2013060572 A 20130322; TW 103108401 A 20140311