

Title (en)

Timepiece provided with an electromagnetic signal transmitting antenna

Title (de)

Uhr mit einer ein elektromagnetisches Signal aussendenden Antenne

Title (fr)

Pièce d'horlogerie comportant une antenne d'émission d'un signal électromagnétique

Publication

**EP 0603721 B1 19970611 (FR)**

Application

**EP 93120193 A 19931215**

Priority

CH 393492 A 19921223

Abstract (en)

[origin: EP0603721A1] The invention relates to a timepiece which includes a case (2), a clockwork movement (4) housed inside the case (2) and means for transmitting an electromagnetic signal including electronic means (12) of delivering the signal and at least one transmitting antenna (14) coupled to the electronic means (12). This timepiece is characterised in that the antenna (14) is accommodated on a first face (20a) of a support plate (20) of essentially planar shape arranged inside the case (2), this antenna (14) consisting of a thin metallic layer deposited on the face (20a) of the support plate (20). This timepiece applies to the control of a device, for example for locking and unlocking, in particular, a door. <IMAGE>

IPC 1-7

**G04G 1/00**; **G04B 47/00**

IPC 8 full level

**G04B 19/06** (2006.01); **G04B 47/00** (2006.01); **G04C 3/00** (2006.01); **G04G 21/04** (2013.01)

CPC (source: EP US)

**G04B 47/00** (2013.01 - EP US)

Cited by

DE29505900U1; EP4092493A1; EP3343450A1; EP3343451A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0603721 A1 19940629**; **EP 0603721 B1 19970611**; CH 686107 B5 19960715; CH 686107G A3 19960115; CN 1034889 C 19970514; CN 1090067 A 19940727; DE 69311515 D1 19970717; DE 69311515 T2 19980122; JP 3443148 B2 20030902; JP H06230151 A 19940819; US 5367502 A 19941122

DOCDB simple family (application)

**EP 93120193 A 19931215**; CH 393492 A 19921223; CN 93121274 A 19931222; DE 69311515 T 19931215; JP 34599593 A 19931224; US 17163893 A 19931222