

Title (en)  
Radio wristwatch

Title (de)  
Funkarmbanduhr

Title (fr)  
Bracelet-montre radio

Publication  
**EP 1067442 A3 20040519 (DE)**

Application  
**EP 00111766 A 20000603**

Priority  
DE 19926271 A 19990609

Abstract (en)  
[origin: US6411569B1] A radio-controlled wristwatch includes a casing. A central portion of the casing disposed generally centrally with reference to a longitudinal center axis of the casing is formed of metal at least on the exterior thereof. An antenna core is disposed within a chamber defined by the casing. The antenna core lies on a plane oriented transversely with respect to the longitudinal axis. A spacer ring is disposed in the chamber between the central portion and the antenna core, the spacer ring formed of electrically non-conductive material.

IPC 1-7  
**G04G 1/00**

IPC 8 full level  
**G04B 37/00** (2006.01); **G04B 39/00** (2006.01); **G04G 21/04** (2013.01); **G04G 99/00** (2010.01); **G04R 60/12** (2013.01); **H01Q 1/27** (2006.01)

CPC (source: EP US)  
**G04B 37/0008** (2013.01 - EP US); **G04B 39/00** (2013.01 - EP US); **G04G 21/04** (2013.01 - EP US); **G04R 60/12** (2013.01 - EP US); **H01Q 1/273** (2013.01 - EP US)

Citation (search report)

- [Y] DE 9315670 U1 19950209 - JUNGHANS UHREN GMBH [DE]
- [Y] DE 29607866 U1 19970814 - JUNGHANS UHREN GMBH [DE]
- [A] EP 0896262 A1 19990210 - JUNGHANS UHREN GMBH [DE]

Cited by  
EP1577719A4; EP1400876A4; EP1489472A4; EP1666994A3; EP1522908A4; WO03052526A1; US7190638B2; US7396155B2; EP1067442B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6411569 B1 20020625**; AT E303617 T1 20050915; CN 1134718 C 20040114; CN 1277371 A 20001220; DE 19926271 A1 20001221; DE 19926271 C2 20020926; DE 50011054 D1 20051006; DK 1067442 T3 20060109; DK 1067442 T4 20110103; EP 1067442 A2 20010110; EP 1067442 A3 20040519; EP 1067442 B1 20050831; EP 1067442 B2 20100915; ES 2245285 T3 20060101; ES 2245285 T5 20101129; HK 1033744 A1 20010921; JP 2001033571 A 20010209; JP 2006064708 A 20060309; JP 3768384 B2 20060419

DOCDB simple family (application)  
**US 58798100 A 20000606**; AT 00111766 T 20000603; CN 00118490 A 20000609; DE 19926271 A 19990609; DE 50011054 T 20000603; DK 00111766 T 20000603; EP 00111766 A 20000603; ES 00111766 T 20000603; HK 01104186 A 20010618; JP 2000170951 A 20000607; JP 2005297893 A 20051012