

Title (en)
Time-piece provided with an antenna

Title (de)
Mit einer Antenne versehene Uhr

Title (fr)
Pièce d'horlogerie comportant une antenne

Publication
EP 0339482 B2 19981111 (FR)

Application
EP 89107096 A 19890420

Priority
CH 156388 A 19880426

Abstract (en)
[origin: US4884252A] A timepiece (4), adapted to be worn on a part of the body, for example on the wrist, is provided with an antenna capable of capturing an electromagnetic field bearing radio-diffused messages. Measurements have shown that when close to the wrist the radial electric component (Er) and the azimuthal or tangential magnetic component (H phi) were predominant. Consequently, in order to capture the first, a capacitive antenna the electrodes of which are parallel to the back cover (2) of the timepiece will be provided and, to capture the second, an inductive antenna including a winding the axis of which is parallel to the longitudinal direction of the bracelet (3) will be provided.

IPC 1-7
G04B 47/02; **H01Q 1/44**

IPC 8 full level
H04B 1/08 (2006.01); **G04B 47/02** (2006.01); **G04G 21/04** (2013.01); **H01Q 1/44** (2006.01)

CPC (source: EP KR US)
G04B 47/025 (2013.01 - EP US); **G04G 99/00** (2013.01 - KR); **H01Q 1/44** (2013.01 - EP US)

Cited by
US5135694A; CN101938541A; US5923265A; EP2747198A1; CN105182731A; EP0805507A1; FR2748360A1; AU775802B2; AT400997B; EP0741433A1; EP0603721A1; US5367502A; CH686107GA3; EP0569868A1; US5268880A; CH682969GA3; EP0460526A1; EP1113346A1; US6816600B1; US9705184B2; WO0038495A3; WO2014095298A1; TWI631765B

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