

Title (en)
WATCHBAND ANTENNA

Title (de)
ANTENNE FÜR ARMBANDUHR

Title (fr)
ANTENNE POUR MONTRE-BRACELET

Publication
EP 1407513 A1 20040414 (FR)

Application
EP 02764633 A 20020704

Priority
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Abstract (en)
[origin: EP1274150A1] Portable electronic instrument of the watch and bracelet type having in a casing (2) a metallic housing (4) with base and lateral walls and sealed window opening for a glass (3). The antenna (20) rests on the exterior face (7a) of metallized plastic glass support (7). A circular fitting ring (8) is fitted between the support and the base. An electronic module (6) and a display unit (5) are enclosed between the support and the fitting, both of which form a removable sub-assembly. The support is electrically connected to the metallic housing. A protective cover (9) made from a dielectric material fits over the support and covers the antenna. The fitting is fixed in the base (4a) by fixings. The instrument includes:- (a) a housing enclosing an electronic module and display unit; (b) a glass fitted on the housing; (c) an electrical energy supply source (10) located in the housing feeding the module and display, and; (d) a radio frequency receiving and/or transmission antenna electrically connected to the module.

IPC 1-7
H01Q 9/04; **H01Q 1/27**; **H01Q 1/38**; **H01Q 1/52**; **G04G 1/00**

IPC 8 full level
G01S 1/04 (2006.01); **G04G 1/00** (2006.01); **G04G 1/06** (2006.01); **G04G 21/04** (2013.01); **G04G 99/00** (2010.01); **H01Q 1/22** (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/27** (2006.01); **H01Q 1/38** (2006.01); **H01Q 1/44** (2006.01); **H01Q 1/50** (2006.01); **H01Q 1/52** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/08** (2006.01)

CPC (source: EP US)
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