

Title (en)  
Wrist-watch with antenna

Title (de)  
Armbanduhr mit Antenne

Title (fr)  
Montre-bracelet avec antenne

Publication  
**EP 1274150 A1 20030108 (FR)**

Application  
**EP 01202593 A 20010705**

Priority  
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Abstract (en)  
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.

Abstract (fr)  
Il est décrit un instrument électronique portable, telle une montre-bracelet (1), comprenant un boîtier (2) renfermant un module électronique (6) et un dispositif d'affichage (5), une glace (3) ajustée sur le boîtier (2), une source d'alimentation (4) en énergie électrique logée dans le boîtier (2) et alimentant le module électronique (6) et le dispositif d'affichage (5), et une antenne (20) de réception et/ou d'émission de signaux radiofréquences connectée électriquement au module électronique (6). Le boîtier (2) comporte un corps d'habillage (4) comprenant un fond (4a) et des parois latérales (4b) et un élément formant lunette (7) ajusté sur le corps d'habillage (4) et supportant la glace (3). L'antenne (20) repose sur une face extérieure (7a) de l'élément formant lunette (7). <IMAGE>

IPC 1-7  
**H01Q 1/27**; G04G 1/00; H01Q 9/04; G01S 1/04

IPC 8 full level  
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CPC (source: EP US)  
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