

Title (en)  
TIMEPIECE INCLUDING A MODULAR RELEASE MECHANISM

Publication  
**EP 0060215 B1 19850424 (FR)**

Application  
**EP 82810013 A 19820115**

Priority  
CH 131981 A 19810226

Abstract (en)  
[origin: US4427301A] The alarm wheel (5) is mounted with axial clearance between an insulating plate (6) and a wheel (8). This wheel (5) is in mesh with the hour cannon wheel (3). It has an embossment (5a) which, once during each turn, passes in front of a magnet (9) carried by the plate (6). The wheel (5) is then attracted axially and its embossment (5a) enters into contact with the magnet (9), grounding the latter. Now, the magnet (9) being in permanent contact with one of the conductive tracks (13) of the printed circuit of the watch, this track (13) is thus grounded. The user of the watch can alter the time at which the releases are produced by altering the angular position of the plate (6). No spring acts axially on the alarm wheel (5) which moves freely between the wheel (8) and an annular rib (6e) provided on the plate 6.

IPC 1-7  
**G04C 21/16**; **G04C 21/34**

IPC 8 full level  
**G04C 23/16** (2006.01); **G04B 23/02** (2006.01); **G04C 21/16** (2006.01); **G04C 21/34** (2006.01)

CPC (source: EP US)  
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