

Title (en)  
ELECTRONIC TIMEPIECE

Publication  
**EP 0420796 B1 19930414 (FR)**

Application  
**EP 90810659 A 19900830**

Priority  
CH 348789 A 19890926

Abstract (en)  
[origin: EP0420796A1] It comprises a standard electronic movement (13) held in the case (1) by a casing ring in synthetic material (15) and which also contains an accumulator (30) of large size pinched between two conducting plates (16, 29). The upper plate (16) is covered by an insulating sheet (18) pierced by a hole (19) via which the small tongue (14) for housing the movement battery comes into contact with the small plate (16). The other pole of the accumulator is connected to the movement by the back (3), the case (1) and the dial (10). The casing ring (15) carries photovoltaic cells (21) lit through cut-outs (22) in the dial. The time piece may advantageously be produced in small series and its power reserve is very high.  
<IMAGE>

IPC 1-7  
**G04C 10/00**

IPC 8 full level  
**G04C 3/00** (2006.01); **G04C 10/02** (2006.01)

CPC (source: EP KR)  
**G04C 3/00** (2013.01 - KR); **G04C 10/02** (2013.01 - EP)

Citation (examination)  
• EP 0194136 A2 19860910 - SEIKO INSTR & ELECTRONICS [JP]  
• EP 0198390 A2 19861022 - JUNGHANS UHREN GMBH [DE]  
• EP 0241202 A2 19871014 - SEIKO INSTR INC [JP]

Cited by  
EP4057081A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0420796 A1 19910403**; **EP 0420796 B1 19930414**; CH 677170 B5 19911031; CH 677170G A3 19910430; DE 69001343 D1 19930519; DE 69001343 T2 19931028; JP H03242596 A 19911029; KR 910006805 A 19910429; KR 950008434 B1 19950731

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