

Title (en)
TIMEPIECE MOVEMENT

Title (de)
UHRWERK

Title (fr)
MOUVEMENT D'HORLOGERIE

Publication
EP 0848842 B1 19990428 (DE)

Application
EP 96923940 A 19960626

Priority
• CH 254595 A 19950907
• EP 9602791 W 19960626

Abstract (en)
[origin: WO9709657A1] The timepiece movement proposed has a spring which drives, via gearing, a time display and a generator (1) supplying an a.c. voltage. The generator (1) powers, via a voltage-transformer circuit (2), a first capacitative component (10). The first capacitative component (10) powers an electronic reference circuit (3, 4, 5) with a stable oscillator (3, 4) and an electronic control circuit (6, 7, 8, 9). The first capacitative component (10) is charged immediately after the movement is started for the first time by one or more passive components. The one or more passive components are replaced, or supplemented in parallel, by one or more active units as soon as the voltage of the first capacitative component (10) is sufficient to operate the one or more active units, the one or more active units having a lower electrical resistance in the pass direction than the one or more passive components.

IPC 1-7
G04C 10/00; **G04C 11/00**

IPC 8 full level
G04B 17/00 (2006.01); **G04C 10/00** (2006.01); **G04C 11/00** (2006.01); **G04G 19/00** (2006.01); **G04G 99/00** (2010.01); **H02P 9/00** (2006.01)

CPC (source: EP US)
G04C 10/00 (2013.01 - EP US); **G04C 11/00** (2013.01 - EP US)

Cited by
US6744699B2; US6421261B1; WO2011131784A1; US8721169B2; EP0891038A1

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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WO 9709657 A1 19970313; AT E179529 T1 19990515; CN 1119720 C 20030827; CN 1195408 A 19981007; CN 1235100 C 20060104; CN 1246743 C 20060322; CN 1441331 A 20030910; CN 1441332 A 20030910; DE 59601785 D1 19990602; EP 0848842 A1 19980624; EP 0848842 B1 19990428; EP 0848842 B2 20060419; ES 2132931 T3 19990816; ES 2132931 T5 20061116; GR 3030192 T3 19990831; HK 1012204 A1 19990730; JP 2003028970 A 20030129; JP 3485557 B2 20040113; JP H11502024 A 19990216; US 5881027 A 19990309

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