

Title (en)
ANALOGOUS ELECTRONIC WATCH

Publication
EP 0221363 B1 19890920 (FR)

Application
EP 86113708 A 19861003

Priority
CH 440885 A 19851011

Abstract (en)
[origin: US4744067A] An analog electronic watch comprising electronic circuitry is described, a first motor for driving hours and minutes hands, a second motor for driving a seconds hand, and a photoelectric sensor connected to the circuitry is described. The sensor reacts to strong ambient light by producing a first signal. In response to this signal the circuitry issues control signals to the two motors to activate them. If the light fades, the sensor produces a second signal and the circuitry then only issues control signals to the first motor. Stopping the second motor, when the light becomes too dim to read the time, saves energy. A memory circuit enables the seconds hand to be synchronized with the minutes hand whenever the ambient light becomes sufficiently strong to warrant activation of the second motor.

IPC 1-7
G04C 3/14

IPC 8 full level
G04C 3/14 (2006.01); **G04G 19/12** (2006.01)

CPC (source: EP US)
G04C 3/146 (2013.01 - EP US); **G04G 19/12** (2013.01 - EP US)

Cited by
EP0657793A1; DE3941301A1; EP0936513A3; EP0228635A3

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0221363 A1 19870513; **EP 0221363 B1 19890920**; CH 665081G A3 19880429; DE 3665783 D1 19891026; JP S6293686 A 19870430; US 4744067 A 19880510

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EP 86113708 A 19861003; CH 440885 A 19851011; DE 3665783 T 19861003; JP 23945186 A 19861009; US 91713486 A 19861009