

Title (en)

Electronic circuit for managing the operation of peripheral elements of a watch

Title (de)

Elektronischer Funktionssteuerungsschaltkreis von Peripheriegeräten einer Uhr

Title (fr)

Circuit électronique de gestion du fonctionnement de périphériques d'une montre

Publication

EP 2063328 A3 20100303 (FR)

Application

EP 08169910 A 20081125

Priority

- EP 07121548 A 20071126
- EP 08169910 A 20081125

Abstract (en)

[origin: EP2063328A2] The circuit (1) has a processor (2) i.e. CPU, connected to a non-volatile memory (3) e.g. flash memory. Connection units constituted by multiplexers (6a, 6b) and a communication bus (7) connect peripheral controllers (4), the processor and the memory to communicate information relating to operation of a watch with each other. An initialization unit (8) i.e. programmable memory, acts on the controllers to initialize the controllers by sending data without intervention of the processor and by permitting the controllers to execute operations independent of the processor and the memory. An independent claim is also included for method for actuating an electronic circuit of a watch.

IPC 1-7

G04G 1/02

IPC 8 full level

G04G 21/00 (2010.01); **G04G 99/00** (2010.01)

CPC (source: EP US)

G04G 19/00 (2013.01 - EP US); **G04G 21/00** (2013.01 - EP US)

Citation (search report)

- [X] JP H04316114 A 19921106 - SEIKO EPSON CORP
- [A] US 7072080 B1 20060704 - YAMAMOTO HIROYUKI [JP]
- [A] US 5289452 A 19940222 - SAKAMOTO KENJI [JP], et al
- [A] US 2006285442 A1 20061221 - MAEDER JEAN-BERNARD [CH]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2063328 A2 20090527; **EP 2063328 A3 20100303**; **EP 2063328 B1 20190424**; EP 2063327 A1 20090527; US 2009135678 A1 20090528; US 8130596 B2 20120306

DOCDB simple family (application)

EP 08169910 A 20081125; EP 07121548 A 20071126; US 32437108 A 20081126