

Title (en)

Electronic watch with capacitive switches on its cover glass

Title (de)

Elektronische Uhr mit kapazitiven Tasten auf ihrem Abdeckglas

Title (fr)

Montre électronique comportant des touches capacitatives sur sa glace

Publication

EP 1207439 B1 20090603 (FR)

Application

EP 00204045 A 20001117

Priority

EP 00204045 A 20001117

Abstract (en)

[origin: EP1207439A1] There is a circular range of buttons defined by transparent electrodes (21-32) disposed on the interior face of the glass cover (5) of the watch. The electrodes are attached to a detecting to a detecting device through a multiplexer. The buttons are activated through the electrodes at the touch of a finger (38) on the glass. There are also means to detect at least one of the hands of the watch (8,9) through the same detecting device by using the electrodes.

IPC 8 full level

G04C 3/14 (2006.01); **G04G 21/08** (2010.01)

CPC (source: EP)

G04C 3/14 (2013.01); **G04G 21/08** (2013.01)

Citation (examination)

EP 0674247 B1 20020213 - ASULAB SA [CH]

Cited by

FR2884939A1; CN106773631A; EP1734422A1; EP1424658A1; EP1734423A1; JP2006349675A; EP2884352A1; CN105829979A; JP2016538558A; EP3474089A1; US7712954B2; WO2004107062A1; WO2007145594A1; WO2015090638A1; US7843061B2; US8596860B2; US7449732B2; US7507929B2; US7286063B2; US9829864B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1207439 A1 20020522; EP 1207439 B1 20090603; AT E433140 T1 20090615; DE 60042333 D1 20090716; ES 2327708 T3 20091103

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