

Title (en)
Clock with manual control

Title (de)
Uhr mit manueller Bedienung

Title (fr)
Montre comportant un dispositif de commande manuelle

Publication
EP 0674247 B1 20020213 (FR)

Application
EP 95103730 A 19950315

Priority
FR 9403480 A 19940324

Abstract (en)
[origin: US5453960A] This watch (1) includes a case (2), a glass (3) and at least one manual control device (22), which comprises a capacitive sensor (20) with a first electrode (5) arranged on the internal face (6) of the glass (3). The selective positioning of a finger (10) of a wearer of the watch (1) on the external face of the glass (3) enables a first capacity (Cd) to be formed between the first electrode (5) and earth (11) constituted by the case (2). A parasitic capacity (Cp) is present between the first electrode and the case. The manual control device (22) also includes a voltage-frequency converter (22) whose oscillation frequency is determined by the first capacity (Cd), when the latter is formed by the presence of the finger, in combination with the parasitic capacity (Cp),

IPC 1-7
G04G 1/00

IPC 8 full level
G04B 39/00 (2006.01); **G04G 1/10** (2006.01); **G04G 21/08** (2010.01)

CPC (source: EP KR US)
G04B 25/00 (2013.01 - KR); **G04C 23/00** (2013.01 - KR); **G04G 21/08** (2013.01 - EP US)

Cited by
EP0935163A1; US2015193078A1; US9495038B2; EP2273349A2; US7449732B2; EP1122620A1; EP1207439B1; EP1701229A1; US7113451B1

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