

Title (en)

A water-proof watch case with GPS and a method for manufacturing the same

Title (de)

Wasserdichtes Uhrengehäuse mit GPS und Verfahren zu dessen Herstellung

Title (fr)

Boîtier de montre étanche à l'eau avec GPS et procédé de fabrication de celui-ci

Publication

EP 1933213 A1 20080618 (EN)

Application

EP 06025624 A 20061211

Priority

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Abstract (en)

A water-proof watch case and a method for manufacturing the same are disclosed. First, a design of a case and a bottom lid is decided, and a mold according to the design is fabricated accordingly. Next, a hard plastic material is injected into the mold to form the case and the bottom lid. Next, a soft plastic material is injected at an outer rim of the case to form at least one button, and a soft plastic material is injected at a conjunction between the case and the bottom lid to form a water-proof gasket. Finally, the hard and soft plastic materials are heated to adhere the button and the water-proof gasket to the outer rim of the case and the conjunction between the bottom lid and the case respectively.

IPC 8 full level

G04G 17/02 (2006.01); **G04B 37/11** (2006.01); **G04B 37/22** (2006.01); **G04G 17/08** (2006.01)

CPC (source: EP)

G04B 37/225 (2013.01); **G04G 17/00** (2013.01)

Citation (search report)

- [X] EP 0982639 A2 20000301 - CASIO COMPUTER CO LTD [JP]
- [Y] US 6346208 B1 20020212 - MUELLER JACQUES [CH], et al
- [Y] US 4136515 A 19790130 - THOMPSON HARWELL B, et al
- [A] US 4178751 A 19791218 - LIAUTAUD JAMES P [US]
- [A] EP 0374711 A1 19900627 - EBAUCHESFABRIK ETA AG [CH]

Designated contracting state (EPC)

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Designated extension state (EPC)

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