

Title (en)
WATER RESISTANT CONTROL DEVICE FOR TIME PIECE

Publication
EP 0429974 B1 19930519 (FR)

Application
EP 90121874 A 19901115

Priority
FR 8915690 A 19891127

Abstract (en)
[origin: EP0429974A1] The water-resistant control device for a timepiece is housed in a case (20) and comprises a crown (46) rotating about a tube (21). The crown comprises a head (10), a central part (23) and a lateral skirt (12) which are made in a single piece. The inner wall (11) of the skirt has a cylindrical surface over its entire height. <??>A gasket (13) having the form of an annular band surrounding the tube has, on its inner part, an annular projection (16) interacting with an annular slot (15) made in the tube. The outer part of the said band is shaped so that, regardless of the axial position of the crown (46), the lower edge (24) presented by the inner wall of the skirt is always in contact with the said outer part of the band. <??>The device makes it possible to correct the data displayed by the timepiece, while offering excellent reliability with respect to the water resistance it provides.

IPC 1-7
G04B 37/10

IPC 8 full level
G04B 3/04 (2006.01); **G04B 37/10** (2006.01)

CPC (source: EP US)
G04B 37/10 (2013.01 - EP US)

Cited by
FR2786574A1; WO0033144A1; EP3321749A1

Designated contracting state (EPC)
CH DE GB IT LI

DOCDB simple family (publication)
EP 0429974 A1 19910605; EP 0429974 B1 19930519; DE 69001665 D1 19930624; DE 69001665 T2 19931125; FR 2655166 A1 19910531; FR 2655166 B1 19920228; HK 1000525 A1 19980403; JP 3072562 B2 20000731; JP H03181880 A 19910807; US 5184334 A 19930202

DOCDB simple family (application)
EP 90121874 A 19901115; DE 69001665 T 19901115; FR 8915690 A 19891127; HK 97102102 A 19971105; JP 32135390 A 19901127; US 61764790 A 19901126