

Title (en)
CONTROL CROWN FOR A TIMEPIECE

Title (de)
STEUERKRANZ FÜR UHR

Title (fr)
COURONNE DE COMMANDE POUR PIECE D'HORLOGERIE

Publication
EP 3825778 B1 20230712 (FR)

Application
EP 19210665 A 20191121

Priority
EP 19210665 A 20191121

Abstract (en)
[origin: CN112824979A] A control crown 10 for a timepiece 1000 is capable of cooperating, in order to maneuver a control rod 4, with a middle 20 including a recess 21 along an axis D1 receiving a tube 1 included in the crown 10. The control crown includes a crown body 8 capable of rotating D1 covering both the rod 4 and the tube 1, the tube includes a hollow 11 to allow the rod 4 to pass and/or be guided in rotation, the crown 10 includes a closing cap 7 fastened to the tube 1 in a fixed angular position relative to the middle 20 by the cooperation between an indexing device 12 of the tube 1 and a complementary indexing device 71 of the closing cap 7, to axially enclose the crown body 8 between the middle 20 and the closing cap 7.

IPC 8 full level
G04F 7/08 (2006.01); **G04B 3/04** (2006.01); **G04B 37/10** (2006.01)

CPC (source: CN EP US)
G04B 3/041 (2013.01 - EP US); **G04B 3/043** (2013.01 - CN); **G04B 3/046** (2013.01 - CN); **G04B 37/06** (2013.01 - CN);
G04B 37/10 (2013.01 - EP US); **G04F 7/08** (2013.01 - EP)

Citation (examination)
EP 2275883 B1 20111228 - ROLEX SA [CH]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3825778 A1 20210526; **EP 3825778 B1 20230712**; CN 112824979 A 20210521; CN 112824979 B 20220624; JP 2021081415 A 20210527;
JP 6936371 B2 20210915; US 11243498 B2 20220208; US 2021157276 A1 20210527

DOCDB simple family (application)
EP 19210665 A 20191121; CN 202011313847 A 20201120; JP 2020148005 A 20200903; US 202016988779 A 20200810