

Title (en)

Magnetic control device for a clock piece

Title (de)

Magnetische Vorrichtung zur Betätigung einer Uhr

Title (fr)

Dispositif magnétique de commande pour pièce d'horlogerie

Publication

EP 1930794 B1 20110119 (FR)

Application

EP 06123744 A 20061109

Priority

EP 06123744 A 20061109

Abstract (en)

[origin: EP1930794A1] The device (1) has a movable control member manually actuated from outside of a timepiece i.e. watch. A magnet (21) is fixed to the control member. A sealed tube (3) comprises a distal blind end that extends toward an inside of the timepiece and a proximal end that opens toward the outside of the timepiece. Two magnetic sensors (22, 23) are disposed spaced-apart along the sealed tube such that three predefined positions of the magnet are respectively associated with three different combinations of a sensor state with another sensor state.

IPC 8 full level

G04C 3/00 (2006.01); **G04G 21/00** (2010.01); **G04G 99/00** (2010.01); **H01H 36/00** (2006.01)

CPC (source: EP KR US)

G04C 3/004 (2013.01 - EP US); **G04C 23/06** (2013.01 - KR); **H01H 25/06** (2013.01 - EP US); **H01H 36/006** (2013.01 - EP US)

Cited by

WO2016041772A1; EP3012692A1; CN109791392A; EP2998799A1; KR20190000835A; US9525181B2; US9281527B2; US10267653B2; US11385598B2; WO2016062479A1; WO2018103914A1; US9531013B2; US10050285B2; EP3418814A1; EP3418813A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1930794 A1 20080611; **EP 1930794 B1 20110119**; AT E496319 T1 20110215; CN 101201587 A 20080618; CN 101201587 B 20110413; DE 602006019749 D1 20110303; HK 1122366 A1 20090515; JP 2008122377 A 20080529; KR 101391517 B1 20140507; KR 20080042733 A 20080515; SG 143141 A1 20080627; US 2008112275 A1 20080515; US 7404667 B2 20080729

DOCDB simple family (application)

EP 06123744 A 20061109; AT 06123744 T 20061109; CN 200710159620 A 20071109; DE 602006019749 T 20061109; HK 08113326 A 20081208; JP 2007287075 A 20071105; KR 20070114013 A 20071109; SG 2007174139 A 20071102; US 93766007 A 20071109