

Title (en)

Ball-operated control device for a clock used for reception of radio messages

Title (de)

Kugelbedienungsvorrichtung einer Uhr zum Empfang von Funksprüchen

Title (fr)

Dispositif de commande à bille d'une pièce d'horlogerie apte à recevoir des messages radiodiffusés

Publication

**EP 0582150 B1 19960403 (FR)**

Application

**EP 93111819 A 19930723**

Priority

CH 243192 A 19920803

Abstract (en)

[origin: EP0582150A1] The timepiece includes a time keeper displaying the hour (4) and the minute (5), a receiver of radio messages which can be read on a display (7) and a control device (2) including a ball (1) which can be rolled manually in a first direction (Y) for which the received messages can be displayed one after the other and in a second direction (X) for which at least functions of engagement, disengagement or entry into a particular functional mode may be chosen. The ball can also be pressed in a third direction (Z) for which the displayed message can at least be erased or protected. <IMAGE>

IPC 1-7

**G04G 1/00**; **G08B 5/22**

IPC 8 full level

**G04B 19/00** (2006.01); **G04B 19/06** (2006.01); **G04G 9/00** (2006.01); **G04G 21/00** (2010.01); **G04G 99/00** (2010.01); **G08B 5/22** (2006.01); **H04B 1/16** (2006.01); **H04W 84/02** (2009.01); **H04W 88/02** (2009.01)

CPC (source: EP KR US)

**G04G 17/02** (2013.01 - KR); **G04G 21/00** (2013.01 - EP US); **G04R 60/06** (2013.01 - EP US); **G04R 60/10** (2013.01 - EP US); **G08B 5/228** (2013.01 - EP US); **G04G 9/00** (2013.01 - KR); **G04G 21/04** (2013.01 - KR); **G04R 20/14** (2013.01 - KR)

Cited by

EP0782274A1; EP0858060A1; EP3835886A1; EP3835892A1; EP3835887A1; EP3835885A1

Designated contracting state (EPC)

AT BE DE DK ES FR GB GR IE IT LU MC NL SE

DOCDB simple family (publication)

**EP 0582150 A1 19940209**; **EP 0582150 B1 19960403**; AT E136377 T1 19960415; AU 4434393 A 19940210; AU 661252 B2 19950713; BR 9303219 A 19940315; CA 2100609 A1 19940204; CH 683484 B5 19940930; CH 683484G A3 19940331; CN 1042767 C 19990331; CN 1086614 A 19940511; DE 69302056 D1 19960509; DE 69302056 T2 19961031; FI 101832 B1 19980831; FI 101832 B 19980831; FI 933442 A0 19930802; FI 933442 A 19940204; HK 1007610 A1 19990416; IL 106548 A0 19931208; IL 106548 A 19970713; JP H06222167 A 19940812; KR 940004401 A 19940315; NO 304763 B1 19990208; NO 932759 D0 19930802; NO 932759 L 19940204; TW 223717 B 19940511; US 5285426 A 19940208; ZA 935134 B 19940209

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