

Title (en)

TIMEPIECE COMPRISING AN ALARM

Title (de)

UHR MIT EINEM ALARM

Title (fr)

PIÈCE D'HORLOGERIE COMPORTANT UN RÉVEIL

Publication

**EP 1869529 A2 20071226 (FR)**

Application

**EP 06725485 A 20060331**

Priority

- EP 2006061239 W 20060331
- EP 05102568 A 20050331
- EP 06725485 A 20060331

Abstract (en)

[origin: EP1708051A1] The mechanism has an energy source (24) and an adjustment system which permit programming a ringing time. A triggering system has a control unit (16) which controls the unlocking of the source and a cam (10) that is kinematically connected to the movement and carries out a turn in 24 hours. A ringing mechanism driven by the source has a hammer to hit a gong or a non resonant object. The control unit has an arm (18) that is terminated by a pin (14). The cam has a single notch (12) to receive the pin for driving the unlocking of the source.

IPC 8 full level

**G04B 23/12** (2006.01)

CPC (source: EP US)

**G04B 23/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2006103289A2

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 1708051 A1 20061004**; EP 1869529 A2 20071226; JP 2008534942 A 20080828; JP 5097105 B2 20121212; RU 2007140325 A 20090510;  
US 2008273426 A1 20081106; US 2010214884 A1 20100826; US 7742362 B2 20100622; US 7881161 B2 20110201;  
WO 2006103289 A2 20061005; WO 2006103289 A3 20070104

DOCDB simple family (application)

**EP 05102568 A 20050331**; EP 06725485 A 20060331; EP 2006061239 W 20060331; JP 2008503529 A 20060331; RU 2007140325 A 20060331;  
US 77612810 A 20100507; US 91010506 A 20060331