

Title (en)
TIMEPIECE

Title (de)
UHR

Title (fr)
PIÈCE D'HORLOGERIE

Publication
EP 2564276 B1 20140625 (FR)

Application
EP 11716263 A 20110426

Priority
• CH 6032010 A 20100426
• EP 2011056585 W 20110426

Abstract (en)
[origin: WO2011134960A1] The present invention relates to a timepiece comprising: - a barrel bridge (33), and - a barrel which is mounted on the barrel bridge, said barrel having: - a drum (20) which comprises an end wall and side walls, - an arbor (14) which passes through the centre of the drum, - a leaf spring which is housed in the drum and engages at a first end with the arbor and at a second end with the drum, and - a cover (28) through which the arbor passes freely and which closes said drum, - a ratchet wheel (30) secured to the arbor in order to tension said leaf spring. The drum is pivoted by a first ball bearing comprising an intermediate ring (36), an inner ring (42) secured to the arbor and an outer ring (38), one of the intermediate ring and the outer ring being fixed to the barrel bridge (33) and the other being secured to said end wall.

IPC 8 full level
G04B 1/16 (2006.01); **G04B 31/012** (2006.01)

CPC (source: EP US)
G04B 1/16 (2013.01 - EP US); **G04B 31/0123** (2013.01 - EP US)

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)
CH 702994 A2 20111031; CH 702994 B1 20150731; CN 102893223 A 20130123; CN 102893223 B 20150114; EP 2564276 A1 20130306; EP 2564276 B1 20140625; HK 1178984 A1 20130919; JP 2013527442 A 20130627; US 2013039155 A1 20130214; US 8807828 B2 20140819; WO 2011134960 A1 20111103

DOCDB simple family (application)
CH 6032010 A 20100426; CN 201180021212 A 20110426; EP 11716263 A 20110426; EP 2011056585 W 20110426; HK 13105851 A 20130516; JP 2013506632 A 20110426; US 201113643370 A 20110426