

Title (en)
COAXIAL HOROLOGICAL MOVEMENT

Title (de)
KOAXIALES ZEITMESSUNGS-UHRWERK

Title (fr)
MOUVEMENT HORLOGER COAXIAL

Publication
EP 2252918 A1 20101124 (FR)

Application
EP 08719642 A 20080311

Priority
IB 2008050882 W 20080311

Abstract (en)
[origin: WO2009112884A1] Horological movement comprising an energy accumulator (4), wheel units (1, 2, 3) fitted with time indicator members (1, 2, 3), kinematic connection means creating the multiplication or demultiplication ratios between the different wheel units (1, 2, 3), and a regulator member (5, 6). The energy accumulator (4), the wheel units (1, 2, 3) and the regulator member (5, 6) are arranged coaxially. Each wheel unit (1, 2, 3) possesses a shape similar to a cup, each cup (1, 2, 3) having a different diameter to allow it to fit partially one inside the other. The horological movement also comprises a differential (8) arranged coaxially with the energy accumulator (4) to provide the kinematic connection between the energy accumulator (4) and one of the cups (1, 2, 3) through a main arbour (7) and a main pipe (15) which is fitted coaxially around the main arbour (7), said pipe (15) being designed to support both the other cup or cups (1, 2, 3) and said kinematic connection means. One of the cups (1, 2, 3) preferably corresponds to the second wheel unit in which the regulator member (5, 6) is located.

IPC 8 full level
G04B 33/00 (2006.01)

CPC (source: EP US)
G04B 17/285 (2013.01 - EP); **G04B 33/00** (2013.01 - EP US)

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009112884 A1 20090917; AT E527585 T1 20111015; CN 102027422 A 20110420; CN 102027422 B 20130130; EP 2252918 A1 20101124; EP 2252918 B1 20111005; ES 2375014 T3 20120224; HK 1147810 A1 20110819; JP 2011513760 A 20110428; JP 5410453 B2 20140205; US 2011019505 A1 20110127; US 8313234 B2 20121120

DOCDB simple family (application)
IB 2008050882 W 20080311; AT 08719642 T 20080311; CN 200880129159 A 20080311; EP 08719642 A 20080311; ES 08719642 T 20080311; HK 11101850 A 20110224; JP 2010550272 A 20080311; US 92124508 A 20080311