

Title (en)  
Timepiece movement provided with a rotary, hollow, three-dimensional element

Title (de)  
Uhrwerk, das mit einem hohlen und drehbaren 3D-Element ausgestattet ist

Title (fr)  
Mouvement d'horlogerie pourvu d'un élément tridimensionnel rotatif et creux

Publication  
**EP 2735920 B1 20200318 (FR)**

Application  
**EP 13194457 A 20131126**

Priority  
CH 25512012 A 20121127

Abstract (en)  
[origin: EP2735920A2] The timepiece movement has a gear wheel (2), an intermediate pinion (4), a mobile intermediate wheel (5), pinion gears (6), a wheel (7), a coaxial friction wheel (8), a lower crown wheel (9) and an interdependent wheel (10) rotating a hollow sphere (1) around a rotational axis (60). A mobile pinion (12) and a mobile gear wheel (13) rotate cages, a shaft and an exit wheel of the sphere independent of a bearing, a base (29), arches (30), a top part, an upper stage of the sphere around the rotational axis. The rotational axis is tilted relative to a plane of the movement. An independent claim is also included for a clock element.

IPC 8 full level  
**G04B 17/28** (2006.01); **G04B 19/22** (2006.01); **G04B 45/00** (2006.01); **G04B 47/04** (2006.01)

CPC (source: EP)  
**G04B 17/285** (2013.01); **G04B 19/226** (2013.01); **G04B 45/0061** (2013.01); **G04B 47/044** (2013.01)

Cited by  
CN113917820A; CN116256961A

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)  
**EP 2735920 A2 20140528; EP 2735920 A3 20170920; EP 2735920 B1 20200318**; CH 707240 A1 20140530; CH 707240 B1 20170630

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