

Title (en)  
Differential gear for a timepiece movement

Title (de)  
Differentialzahnradgetriebe für Uhrwerk

Title (fr)  
Engrenage différentiel pour mouvement horloger

Publication  
**EP 2264551 B1 20130807 (FR)**

Application  
**EP 09162837 A 20090616**

Priority  
EP 09162837 A 20090616

Abstract (en)  
[origin: EP2264551A1] The gear has wheels that are rotatably mounted with respect to a central shaft and provided with a toothing (42) arranged to mesh with satellite (26) borne by a satellite carrier. The wheels and the shaft are comprised to engage with mobiles of watch movement. The carrier is secured in rotation with the shaft by a friction device comprising a tube having portions arranged opposing the shaft and carrier. An independent claim is included for timepiece.

IPC 8 full level  
**G04B 9/00** (2006.01); **G04B 13/00** (2006.01)

CPC (source: EP US)  
**G04B 9/00** (2013.01 - EP US); **G04B 13/008** (2013.01 - EP US)

Cited by  
EP3584642A1; CN110618598A; US11543778B2; WO2012168443A3

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2264551 A1 20101222; EP 2264551 B1 20130807**; CN 101923313 A 20101222; CN 101923313 B 20130320; HK 1147568 A1 20110812; JP 2011002451 A 20110106; JP 5578500 B2 20140827; US 2010315908 A1 20101216; US 8251574 B2 20120828

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**EP 09162837 A 20090616**; CN 201010199244 A 20100612; HK 11101532 A 20110216; JP 2010128088 A 20100603; US 81705910 A 20100616