

Title (en)  
Assembly with timepiece braking mobile

Title (de)  
Anordnung mit beweglichem Bremseselement einer Uhr

Title (fr)  
Ensemble à mobile de freinage d'horlogerie

Publication  
**EP 2977829 B1 20170712 (FR)**

Application  
**EP 14178403 A 20140724**

Priority  
**EP 14178403 A 20140724**

Abstract (en)  
[origin: US2016026154A1] Timepiece brake wheel assembly, including an arbor comprising a first surface cooperating, to guide pivoting, with a second surface of a wheel pivotally mounted on the arbor around a pivot axis, this second surface including one braking surface comprised in a brake shoe subjected to the action of a first spring, in one-piece with the wheel, and arranged to exert a radial force with respect to the pivot axis on the first surface, this assembly including notches forming a comb or a toothing, arranged to retain a finger-piece for discrete value adjustment of the friction exerted by the braking surface on the first surface, this assembly being arranged to be included in a timepiece mechanism or in a timepiece.

IPC 8 full level  
**G04B 13/02** (2006.01); **G04B 19/02** (2006.01); **G04B 35/00** (2006.01)

CPC (source: EP US)  
**G04B 13/02** (2013.01 - EP US); **G04B 13/021** (2013.01 - EP US); **G04B 13/022** (2013.01 - US); **G04B 13/023** (2013.01 - US); **G04B 13/025** (2013.01 - US); **G04B 19/02** (2013.01 - EP US); **G04B 35/00** (2013.01 - EP US)

Cited by  
EP4123391A1; EP3382472A1; CH714791A1; FR3048793A1; EP3396470A1; CN108732904A; US11073798B2; EP3667431A1; EP3719583A1; CN111796502A; EP4160322A1; EP4328674A1; WO2021121707A1; WO2019175392A1; WO2017157869A1; US10816933B2; US11467539B2; US11703803B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2977829 A1 20160127**; **EP 2977829 B1 20170712**; CH 709920 A2 20160129; CN 105319943 A 20160210; CN 105319943 B 20171017; HK 1221290 A1 20170526; JP 2016024201 A 20160208; JP 6014729 B2 20161025; US 2016026154 A1 20160128; US 9529328 B2 20161227

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**EP 14178403 A 20140724**; CH 11372014 A 20140724; CN 201510437107 A 20150723; HK 16109421 A 20160808; JP 2015144643 A 20150722; US 201514799749 A 20150715