

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)
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 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

DOCDB simple family (application)
EP 14178403 A 20140724; CH 11372014 A 20140724; CN 201510437107 A 20150723; HK 16109421 A 20160808; JP 2015144643 A 20150722; US 201514799749 A 20150715