

Title (en)
Timepiece with a minute-repeater mechanism

Title (de)
Repetieruhr mit einem Minutenrepetiermechanismus

Title (fr)
Pièce d'horlogerie munie d'un mécanisme de répétition à minutes

Publication
EP 1708050 B1 20080514 (FR)

Application
EP 05102567 A 20050331

Priority
EP 05102567 A 20050331

Abstract (en)
[origin: EP1708050A1] The mechanism has a gong emitting two sounds of different frequencies, and pallets (36). Hammers are moved by the pallets to strike the gong, where the pallets are arranged coaxially. The pallet has a tip cooperating with toothed sectors mounted movably in movement in order to pivot the tip. A spring is supported on a positioning surface to maintain the pallet in a rest position. The pallet has a pallet fork to directly act on a pin having the hammers to strike the gong.

IPC 8 full level
G04B 21/04 (2006.01); **G04B 21/06** (2006.01); **G04B 21/12** (2006.01)

CPC (source: EP US)
G04B 21/04 (2013.01 - EP US); **G04B 21/12** (2013.01 - EP US)

Cited by
EP2615503A1; WO2013104803A1; CN108572546A; EP2048548A3; EP2503408A1; CN106483822A; EP2226688A1; CN102341759A; CN105093896A; CN106030421A; EP3361323A1; EP2503405A1; CN104115076A; CN110231766A; EP2363761A1; US8730768B2; US11112757B2; US8406088B2; WO2010100162A1; WO2015124510A1; US7742362B2; US7881161B2; EP2615505A1; WO2013104802A1; US11415945B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1708050 A1 20061004; EP 1708050 B1 20080514; AT E395639 T1 20080515; DE 602005006733 D1 20080626; EP 1852755 A2 20071107; EP 1852755 A3 20080319; EP 1852755 B1 20131225; ES 2307111 T3 20081116; HK 1097610 A1 20070629; JP 2008534941 A 20080828; JP 5203182 B2 20130605; RU 2007140326 A 20090510; US 2008192585 A1 20080814; US 7773463 B2 20100810; WO 2006103267 A1 20061005

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