

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)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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

DOCDB simple family (application)  
**EP 05102567 A 20050331**; AT 05102567 T 20050331; DE 602005006733 T 20050331; EP 07113157 A 20050331; EP 2006061171 W 20060330; ES 05102567 T 20050331; HK 07103589 A 20070403; JP 2008503518 A 20060330; RU 2007140326 A 20060330; US 91007406 A 20060330