

Title (en)

Instrument for measuring time intervals comprising a striking mechanism

Title (de)

Zeitintervallmessungsgerät mit einem Schlagwerk

Title (fr)

Instrument pour mesurer des intervalles de temps comprenant un mécanisme de sonnerie

Publication

**EP 1672442 B1 20120418 (FR)**

Application

**EP 04030204 A 20041220**

Priority

EP 04030204 A 20041220

Abstract (en)

[origin: EP1672442A1] The timepiece has a chronograph mechanism (4) that can be started, stopped and reset to zero, and a ringing mechanism (6) which emits an acoustic signal when the mechanism (4) is started. The mechanism (4) has a column wheel (10) associated with a control unit that has teeth of number equal to or two times greater than number of columns of the wheel and activates the mechanism (6) when the mechanism (4) is started.

IPC 8 full level

**G04F 7/08** (2006.01); **G04B 21/00** (2006.01)

CPC (source: EP KR US)

**G04B 13/028** (2013.01 - EP US); **G04B 21/00** (2013.01 - EP US); **G04F 7/00** (2013.01 - KR); **G04F 7/0804** (2013.01 - EP US); **G04F 7/0847** (2013.01 - EP US); **G04F 7/089** (2013.01 - EP US)

Cited by

US11249443B2; CN102109808A; CH704392A1; EP2485097A3; CH719555A1; US8514670B2; EP3495895A1; CN109991827A; US11194291B2; WO2019115086A1; EP3002643B1

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 1672442 A1 20060621**; **EP 1672442 B1 20120418**; AT E554428 T1 20120515; CN 1794115 A 20060628; CN 1794115 B 20120118; HK 1092883 A1 20070216; JP 2006177946 A 20060706; JP 4895164 B2 20120314; KR 101202512 B1 20121116; KR 20060070445 A 20060623; SG 123714 A1 20060726; TW 200625037 A 20060716; TW I391799 B 20130401; US 2006133217 A1 20060622; US 7292505 B2 20071106

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**EP 04030204 A 20041220**; AT 04030204 T 20041220; CN 200510132673 A 20051220; HK 06113387 A 20061206; JP 2005361318 A 20051215; KR 20050125134 A 20051219; SG 200508057 A 20051209; TW 94143916 A 20051212; US 31115605 A 20051220