

Title (en)  
TIMEPIECE WITH RINGING MECHANISM

Title (de)  
ZEITMESSGERÄT MIT KLINGELMECHANISMUS

Title (fr)  
PIECE D'HORLOGERIE COMPORTANT UN MECANISME DE SONNERIE

Publication  
**EP 2181363 B1 20120523 (FR)**

Application  
**EP 08803419 A 20080829**

Priority  
• EP 2008061431 W 20080829  
• EP 07115329 A 20070830  
• EP 08803419 A 20080829

Abstract (en)  
[origin: EP2031466A1] The timepiece has a current-time ringing mechanism comprising hour, quarter and minute cams (40, 28, 22) for respectively providing information about the hour, quarter and minutes of current time to hour, quarter and minute samplers. The cams are driven by a movement. The quarter and minute cams are pivotally mounted and free relative to each other. Energy transmitted by the movement to the cams is brought to a coaxial gear train at the minute cam. The energy is transmitted to coaxial gear trains of respective quarter and hour cams.

IPC 8 full level  
**G04B 21/04** (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)

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DOCDB simple family (publication)  
**EP 2031466 A1 20090304; EP 2031466 A8 20090617**; CN 101815970 A 20100825; CN 101815970 B 20120509; EP 2181363 A1 20100505; EP 2181363 B1 20120523; HK 1141337 A1 20101105; JP 2010538247 A 20101209; US 2011116348 A1 20110519; US 8174936 B2 20120508; WO 2009027526 A1 20090305

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**EP 07115329 A 20070830**; CN 200880104564 A 20080829; EP 08803419 A 20080829; EP 2008061431 W 20080829; HK 10107623 A 20100810; JP 2010522396 A 20080829; US 67502908 A 20080829