

Title (en)  
Mechanical watch-movement with incorporated chronometer movement (chronograph movement)

Title (de)  
Mechanisches Uhrwerk mit integrierter Stoppuhr (Chronographenwerk)

Title (fr)  
Mouvement d'horlogerie mécanique avec chronomètre incorporé (mouvement de chronographe)

Publication  
**EP 0806712 A2 19971112 (DE)**

Application  
**EP 97107582 A 19970507**

Priority  
CH 116696 A 19960509

Abstract (en)  
The chronograph mechanism has a mechanically operated winding shaft and/or a rotor (1) used for driving a spring housing. The mechanism incorporates an alarm mechanism for providing an acoustic alarm signal, operated from a second spring housing (7) which is coupled to the winding shaft or the rotor directly or via an intermediate gearing. The second spring housing may lie in the same plane as the main spring housing, with a central display for indicating the alarm time and an additional setting shaft for activating and de-activating the alarm.

Abstract (de)  
Mechanisches Chronographenwerk mit Zusatzmodul eines mechanischen Weckers. Der vorhandene Aufzug zieht gleichzeitig zwei Federhäuser auf: das Federhaus des Chronographen (verdeckt unter 5 liegend) sowie durch Übertragung über Rotor (1) über Klinkenrad (2), Reduktionsrad (3), Mitnehmerrad für Sperrad (4), Sperrad (5) auf das Sperrad Wecker (6) und das Federhaus Wecker (7). <IMAGE>

IPC 1-7  
**G04F 7/08**

IPC 8 full level  
**G04B 1/12** (2006.01); **G04B 1/14** (2006.01); **G04B 13/00** (2006.01); **G04B 23/02** (2006.01); **G04B 35/00** (2006.01); **G04F 7/00** (2006.01); **G04F 7/08** (2006.01)

CPC (source: EP)  
**G04B 1/12** (2013.01); **G04B 23/02** (2013.01); **G04F 7/08** (2013.01); **G04F 7/0895** (2013.01)

Cited by  
EP1498788A1; EP1333345A1; US7508738B2; WO2005006087A1; WO03065130A3; WO03001304A3; US7905655B2; US8113707B2; US8182138B2; US8308345B2

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