

Title (en)
Clockwork

Title (de)
Uhrwerk

Title (fr)
Mouvement de montre

Publication
EP 1243984 B1 20081224 (FR)

Application
EP 01107013 A 20010321

Priority
EP 01107013 A 20010321

Abstract (en)
[origin: EP1243984A1] The watch movement has wheel trains which drive an inner moving shaft (42) with spindle (42a) to bear a minute hand and a concentric member (50) with a sleeve (50b) to rotate a chronographic second hand. The concentric member is gripped within a central element (54b) which is supported by a ring (54a) and balls (54c). The ring is secured to the watch movement case by a pin

IPC 8 full level
G04B 19/02 (2006.01); **G04B 31/00** (2006.01); **G04B 31/012** (2006.01); **G04F 7/08** (2006.01)

CPC (source: EP US)
G04B 19/02 (2013.01 - EP US); **G04B 31/0123** (2013.01 - EP US); **G04F 7/0823** (2013.01 - EP US); **G04F 7/0885** (2013.01 - EP US)

Cited by
CN105607456A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1243984 A1 20020925; EP 1243984 B1 20081224; AT E418752 T1 20090115; DE 60137113 D1 20090205; JP 2004523761 A 20040805; JP 4351448 B2 20091028; US 2004105346 A1 20040603; US 7085199 B2 20060801; WO 02075460 A1 20020926

DOCDB simple family (application)
EP 01107013 A 20010321; AT 01107013 T 20010321; DE 60137113 T 20010321; IB 0200591 W 20020227; JP 2002574005 A 20020227; US 47237103 A 20030917