

Title (en)
Clockwork

Title (de)
Uhrwerk

Title (fr)
Mouvement de montre

Publication
EP 1243984 A1 20020925 (FR)

Application
EP 01107013 A 20010321

Priority
EP 01107013 A 20010321

Abstract (en)
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

Abstract (fr)
Mouvement de montre comportant un bâti (26, 28, 30, 32, 34) et un train d'engrenages formé de mobiles (36, 38, 40, 42) montés pivotant sur le bâti, dont un premier desdits mobiles (42) est muni d'un tigeon (42a) destiné à recevoir une première aiguille (16) et dont un deuxième desdits mobiles (50) est muni d'un canon (50b) disposé coaxialement audit tigeon et destiné à recevoir une deuxième aiguille (20). Selon l'invention, le deuxième mobile (50) est monté rotatif sur ledit bâti (34) au moyen d'un roulement à billes (54). <IMAGE>

IPC 1-7
G04B 19/02; **G04B 31/00**; **G04F 7/08**

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)

Citation (search report)
• [X] JP S57128873 A 19820810 - ORIENT WATCH CO LTD
• [A] US 1298353 A 19190325 - KISH GEORGE [US] & PATENT ABSTRACTS OF JAPAN vol. 006, no. 225 (P - 154) 10 November 1982 (1982-11-10)

Cited by
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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

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