

Title (en)
Anchor escapement for a timepiece

Title (de)
Ankerhemmung für Uhren

Title (fr)
Echappement à ancre pour pièce d'horlogerie

Publication
EP 1998236 A1 20081203 (FR)

Application
EP 07109193 A 20070530

Priority
EP 07109193 A 20070530

Abstract (en)
The escapement has an escapement mobile (1) driven by a gear train (2), and a balancing roller (3) carrying a pin, where the roller is provided with an impulse pallet cooperated with teeth (6). The teeth carries the mobile, and an anchor (8) is articulated on a pivot (9) and equipped with a fork (10) matched with the pin. The anchor is provided with another impulse pallet (11) matched with the teeth, and rest pallets (12, 13) is matched with the teeth. The mobile includes a single escape wheel equipped with the teeth, where the wheel is directly meshed with the gear-train.

Abstract (fr)
L'échappement comporte un mobile d'échappement (1), un plateau (3) de balancier portant une cheville (4) et une première palette d'impulsion (5). Il comporte encore une ancre (8) munie d'une seconde palette d'impulsion (11) et de première et seconde palettes de repos (12, 13). Le mobile (1) comprend au moins une roue d'échappement munie de dents (6) qui engrènent directement avec les dents (20) dont est équipé la dernière roue d'un rouage (2), les dents (6) de la roue (1) coopérant avec les palettes d'impulsion et de repos.

IPC 8 full level
G04B 15/08 (2006.01)

CPC (source: EP KR US)
G04B 13/027 (2013.01 - KR); **G04B 15/08** (2013.01 - EP KR US)

Citation (applicant)
• EP 0018796 B1 19841107
• "La Montre : principes et méthodes de fabrication", 1993, SCRIPTAR S.A. LA CONVERSION, pages: 249 - 252

Citation (search report)
• [XA] EP 1045297 A1 20001018 - OMEGA SA [CH]
• [DXA] DANIELS, G.: "La Montre: Principes et Méthodes de Fabrication", 1993, EDITIONS SCRIPTAR SA, LAUSANNE, XP002468957

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ITRM20090621A1; EP2645189A1; US8579498B2; WO2014161098A3; WO2013072158A1; WO2016001740A3; WO2011064682A1

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
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EP 1998236 A1 20081203; EP 1998236 B1 20100728; AT E475913 T1 20100815; CN 101334629 A 20081231; CN 101334629 B 20120314; CN 101711378 A 20100519; CN 101711378 B 20120314; DE 602007008077 D1 20100909; EP 2156249 A1 20100224; EP 2156249 B1 20141119; HK 1127969 A1 20091009; HK 1144020 A1 20110121; JP 2008298774 A 20081211; JP 2010540886 A 20101224; JP 5221207 B2 20130626; JP 5221649 B2 20130626; KR 20080106040 A 20081204; SG 148134 A1 20081231; US 2008298180 A1 20081204; US 2010182879 A1 20100722; US 7661874 B2 20100216; US 8308346 B2 20121113; WO 2008145539 A1 20081204

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