

Title (en)
ELECTRONIC TIMEPIECE HAVING INDICATION HANDS

Title (de)
ELEKTRONISCHE UHR MIT ZEIGERANZEIGE

Title (fr)
MONTRE ELECTRONIQUE A AIGUILLES

Publication
EP 1164444 A4 20051005 (EN)

Application
EP 00900897 A 20000124

Priority
JP 0000327 W 20000124

Abstract (en)
[origin: EP1164444A1] An electronic timepiece with indicator hands having a function of restricting a reciprocal movement range of the indicator hands is utilized to realize a variety of indications, which comprises: time hands (101, 102) for showing time; first and second indicator hands (103, 104) provided separately from the time hands (101, 102); a motor (200) for alternately performing forward rotation and reverse rotation by a predetermined amount; a wheel train for reciprocally rotating the first and second indicator hands (103, 104) in directions opposite from each other within a predetermined range; a support part supporting a wheel constituting the train wheel; and restricting means for restricting the range of rotation of a wheel (211) included in the train wheel to thereby restrict rotation of the indicator hands (103, 104) within a predetermined restriction range; wherein the support part is formed with a space (230) for arranging another wheel (229) such that the other wheel (229) can be arranged in the train wheel in place of the wheel (211) to be restricted in rotation range by the restricting means. <IMAGE>

IPC 1-7
G04B 19/00; **G04B 45/00**; **G04C 3/00**; **G04C 3/14**

IPC 8 full level
G04B 19/00 (2006.01); **G04B 19/02** (2006.01); **G04B 19/04** (2006.01); **G04B 45/00** (2006.01); **G04C 3/00** (2006.01); **G04C 3/14** (2006.01); **G04C 17/00** (2006.01)

CPC (source: EP)
G04B 19/04 (2013.01); **G04B 19/048** (2013.01); **G04B 45/003** (2013.01); **G04B 45/0061** (2013.01); **G04C 3/008** (2013.01); **G04C 3/146** (2013.01); **G04C 17/00** (2013.01)

Citation (search report)

- [A] EP 0564236 A2 19931006 - CITIZEN WATCH CO LTD [JP]
- [A] US 5283769 A 19940201 - RENTON JULIAN E [GB]
- See references of WO 0155801A1

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JP2017062227A

Designated contracting state (EPC)
FR GB IT

DOCDB simple family (publication)
EP 1164444 A1 20011219; **EP 1164444 A4 20051005**; AU 3077200 A 20010807; CN 1344385 A 20020410; HK 1045568 A1 20021129; JP 3875559 B2 20070131; WO 0155801 A1 20010802

DOCDB simple family (application)
EP 00900897 A 20000124; AU 3077200 A 20000124; CN 00805388 A 20000124; HK 02106887 A 20020920; JP 0000327 W 20000124; JP 2001555282 A 20000124