

Title (en)
SOLAR SKELETON WATCH

Title (de)
SOLARBETRIEBENE SKELETTUHR

Title (fr)
MONTRE SQUELETTE-SOLAIRE

Publication
EP 3182226 A1 20170621 (FR)

Application
EP 15200201 A 20151215

Priority
EP 15200201 A 20151215

Abstract (en)
[origin: US2017168460A1] A skeleton watch including a case provided with a back cover and a crystal, and a set of components forming a movement of the skeleton watch, the components being arranged inside the case between the back cover and the crystal and being wholly or partially visible through the crystal, wherein the skeleton watch comprises at least one solar cell.

Abstract (fr)
La présente invention se rapporte à une montre squelette (1) comprenant un boîtier muni d'un fond (4) et d'une glace (3), et un ensemble d'organes formant un mouvement (5) de la montre squelette (1), lesdits organes étant disposés au sein du boîtier entre le fond (4) et la glace (3) et étant en tout ou partie visibles au travers de la glace (3), caractérisée en ce que la montre squelette (1) comporte au moins une cellule solaire (6).

IPC 8 full level
G04C 10/02 (2006.01); **G04B 45/02** (2006.01)

CPC (source: CN EP KR US)
G04B 37/0091 (2013.01 - KR); **G04B 45/02** (2013.01 - CN EP US); **G04C 9/08** (2013.01 - KR); **G04C 10/00** (2013.01 - CN); **G04C 10/02** (2013.01 - EP KR US); **G04C 3/14** (2013.01 - EP US)

Citation (applicant)
• US 8693290 B2 20140408 - SATO JUNICHI [JP]
• EP 2796946 A1 20141029 - ETA SA MANUFACTURE HORLOGÈRE SUISSE [CH]

Citation (search report)
• [XAI] JP 2011203213 A 20111013 - SEIKO INSTR INC
• [XII] JP H09281254 A 19971031 - CITIZEN WATCH CO LTD
• [X] FR 2595481 A3 19870911 - JUNGHANS UHREN GMBH [DE]
• [X] US 2002167867 A1 20021114 - ITO TOKIKO [JP]
• [A] JP H095450 A 19970110 - CITIZEN WATCH CO LTD
• [A] CN 204389897 U 20150610 - XINLING PRIMARY SCHOOL SHANGHAI HUANGPU DISTR

Cited by
EP3435177A1; US10859979B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3182226 A1 20170621; EP 3182226 B1 20190206; CN 106886145 A 20170623; CN 106886145 B 20190423; JP 2017111115 A 20170622; JP 6182653 B2 20170816; KR 102069410 B1 20200122; KR 20170071402 A 20170623; KR 20180109813 A 20181008; US 10018968 B2 20180710; US 2017168460 A1 20170615

DOCDB simple family (application)
EP 15200201 A 20151215; CN 201610808383 A 20160907; JP 2016159460 A 20160816; KR 20160110920 A 20160830; KR 20180116471 A 20180928; US 201615214634 A 20160720