

Title (en)
TIMEPIECE HAND

Title (de)
UHRZEIGER

Title (fr)
AIGUILLE DE PIECE D'HORLOGERIE

Publication
EP 2585879 A1 20130501 (FR)

Application
EP 11727681 A 20110621

Priority

- EP 10166844 A 20100622
- EP 2011060282 W 20110621
- EP 11727681 A 20110621

Abstract (en)
[origin: EP2400353A1] The special needle (2) useful in a timepiece (1) for producing a sudden acceleration, is claimed. The needle is mounted about a pivot axis to indicate a piece of information and partially produced from an amorphous metal alloy including gold, platinum, palladium, rhenium, ruthenium, rhodium, silver, iridium or osmium. The needle is attached to its axis through an hour wheel and driven by a retrograde motion. The needle and the hour wheel form a single piece. An independent claim is included for a process for producing a special timepiece needle.

IPC 8 full level
G04B 19/04 (2006.01); **B22C 9/20** (2006.01); **B22D 17/00** (2006.01); **B22D 19/04** (2006.01); **B22D 25/02** (2006.01); **G04D 3/00** (2006.01)

CPC (source: CN EP US)
B22D 17/007 (2013.01 - EP US); **B22D 25/026** (2013.01 - EP US); **C22C 45/10** (2013.01 - EP US); **G04B 19/04** (2013.01 - CN US);
G04B 19/042 (2013.01 - CN EP US); **G04D 3/0046** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2011161077A1

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

DOCDB simple family (publication)
EP 2400353 A1 20111228; CN 103097967 A 20130508; CN 107015472 A 20170804; EP 2585879 A1 20130501; JP 2013533477 A 20130822;
JP 5876878 B2 20160302; US 2013163391 A1 20130627; US 9329572 B2 20160503; WO 2011161077 A1 20111229

DOCDB simple family (application)
EP 10166844 A 20100622; CN 201180040718 A 20110621; CN 201610838594 A 20110621; EP 11727681 A 20110621;
EP 2011060282 W 20110621; JP 2013515847 A 20110621; US 201113806368 A 20110621