

Title (en)
RIBBON-DISPLAY TIMEPIECE

Title (de)
BANDANZEIGE-UHR

Title (fr)
PIÈCE D'HORLOGERIE À AFFICHAGE PAR RUBAN

Publication
EP 2013667 A2 20090114 (FR)

Application
EP 07727506 A 20070329

Priority

- EP 2007053034 W 20070329
- EP 06111888 A 20060329
- EP 07727506 A 20070329

Abstract (en)
[origin: EP1840676A1] The timepiece has an endless flexible ribbon (10) bearing time indications stretched between parallel rollers (11, 12). A mechanism turns one of the rollers comprising a spring, an escapement, and a regulator unit coupled to the escapement. The spring is wound up inside the roller (11) which forms a barrel of the drive mechanism. The rollers form the barrels that are coupled in an identical manner by one of their ends to the escapement and the regulator unit by using a sprocket wheel, where an axis of the wheel is separated with respect to a line joining an axis of the barrels.

IPC 8 full level
G04B 19/04 (2006.01); **G04B 1/10** (2006.01); **G04B 1/16** (2006.01); **G04B 19/20** (2006.01)

CPC (source: EP US)
G04B 1/10 (2013.01 - EP US); **G04B 1/16** (2013.01 - EP US); **G04B 19/04** (2013.01 - EP US); **G04B 19/207** (2013.01 - EP US)

Citation (search report)
See references of WO 2007110446A2

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)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1840676 A1 20071003; AT E488789 T1 20101215; DE 602007010608 D1 20101230; EP 2013667 A2 20090114;
EP 2013667 B1 20101117; JP 2009531688 A 20090903; JP 5149891 B2 20130220; US 2009161496 A1 20090625; US 7845846 B2 20101207;
WO 2007110446 A2 20071004; WO 2007110446 A3 20080508

DOCDB simple family (application)
EP 06111888 A 20060329; AT 07727506 T 20070329; DE 602007010608 T 20070329; EP 07727506 A 20070329; EP 2007053034 W 20070329;
JP 2009502091 A 20070329; US 29443007 A 20070329