

Title (en)
DISPLAY MECHANISM OF A WATCH

Title (de)
ANZEIGEMECHANISMUS EINER UHR

Title (fr)
MÉCANISME D'AFFICHAGE D'UNE MONTRE

Publication
EP 2359198 B1 20130109 (FR)

Application
EP 09764087 A 20091120

Priority
• IB 2009055202 W 20091120
• FR 0806590 A 20081124

Abstract (en)
[origin: WO2010058367A1] The invention relates to a display mechanism of a watch, the movement of which drives a cannon-pinion (10) with an indicator (1) attached to the free end thereof. Said member performs one turn per hour above a dial (2) provided with twelve or twenty-four markings (5) indicating the hours in a circular arrangement. Said markings (5) are each connected to an isolated pinion (20) driven simultaneously with one of the adjacent pinions (20') thereof. Said drive is performed by a gear with a toothed sector (30) in which the pitch diameter is equal to half the number of markings multiplied by the pitch diameter of said pinion (20). The toothed sector is rotated, after each turn of the indicator member (1), by an angular value equal to one turn divided by the number of markings (5), around said cannon-pinion (10) by control means (40) which are driven in turn by the rotation of said cannon-pinion.

IPC 8 full level
G04B 19/16 (2006.01); **G04B 45/00** (2006.01)

CPC (source: EP)
G04B 19/16 (2013.01); **G04B 45/0023** (2013.01)

Cited by
CN112925186A

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010058367 A1 20100527; EP 2359198 A1 20110824; EP 2359198 B1 20130109; FR 2938937 A1 20100528; FR 2938937 B1 20110121

DOCDB simple family (application)
IB 2009055202 W 20091120; EP 09764087 A 20091120; FR 0806590 A 20081124