

Title (en)
ROLLER DISPLAY MECHANISM FOR A WATCH

Title (de)
WALZENANZEIGEMECHANISMUS FÜR ARMBANDUHR

Title (fr)
MÉCANISME D'AFFICHAGE À ROULEAU POUR MONTRE

Publication
EP 3627241 B1 20220216 (FR)

Application
EP 19201627 A 20170612

Priority
• EP 16177872 A 20160705
• EP 17175547 A 20170612

Abstract (en)
[origin: JP2018004634A] PROBLEM TO BE SOLVED: To provide a display using rollers, with time indications legible despite a limited diameter of the rollers.SOLUTION: A timepiece display mechanism 100 comprises rollers 10, 11, 12, 13 and 14 pivoting about a main axis and comprising flaps 20, each pivoting about a secondary axis parallel to the main axis and having two faces. The display mechanism also comprises first drive means for pivoting the rollers 10, 11, 12, 13 and 14 about the main axis, and second drive means for pivoting a flap 20 about the secondary axis, in a predetermined position of the secondary axis relative to the main axis. At each flap 20, a drive pinion is included cooperating with control means to modify, sequentially or continuously, the position of the successive flaps 20 of the same rollers 10, 11, 12, 13 and 14 or to modify, on demand, the position of a specific flap 20.SELECTED DRAWING: Figure 1

IPC 8 full level
G04B 19/20 (2006.01); **G04B 19/243** (2006.01)

CPC (source: CH CN EP US)
G04B 19/20 (2013.01 - EP US); **G04B 19/205** (2013.01 - CN EP US); **G04B 19/207** (2013.01 - EP US); **G04B 19/21** (2013.01 - CH US); **G04B 19/24386** (2013.01 - EP US); **G04B 19/24393** (2013.01 - US); **G04B 19/2573** (2013.01 - CN); **G09F 11/04** (2013.01 - US); **G09F 11/06** (2013.01 - US)

Citation (examination)
CH 707103 B1 20170515 - JACOB & CO WATCHES INC [US]

Cited by
WO2023066956A1

Designated contracting state (EPC)
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