

Title (en)
Watch with a rotating bezel.

Title (de)
Uhr mit einer drehbaren Lünette.

Title (fr)
Montre à lunette tournante.

Publication
EP 0403717 A1 19901227 (FR)

Application
EP 89810469 A 19890619

Priority
EP 89810469 A 19890619

Abstract (en)
The bezel (4) is mounted on the middle part (1) with the aid of an inclined multifacet wire spring. Between the middle part (1) and the bezel (4) is a flat spring with inclined tongues which form ratchet mechanisms engaging in a toothing of a ring (8). This ring is freely arranged between the middle part (1) and the bezel (4) and its angular position relative to the bezel is determined by pins (9) engaging in holes (10) in the bezel (4). The indexing system of the bezel (4), composed of the toothed ring (8) and of the flat spring (11) with its ratchet mechanisms (12), is thus arranged freely between the bezel and the middle part (1), and all the components are held solely by the elastic force of the springs (6, 11). The elements of the system and its mounting are particularly simple and inexpensive. <IMAGE>

IPC 1-7
G04B 19/28

IPC 8 full level
G04B 19/28 (2006.01)

CPC (source: EP US)
G04B 19/283 (2013.01 - EP US); **G04B 19/286** (2013.01 - EP US)

Citation (search report)

- [X] EP 0216420 A1 19870401 - REMY MONTAVON SA [CH]
- [X] CH 214225 A 19410415 - LONGINES MONTRES COMP D [CH]
- [A] CH 662922 B
- [A] CH 631592 B - PIQUEREZ SA ERVIN [CH]
- [A] CH 328869 A 19580331 - SIEMENS AG [DE]

Cited by
CH684919GA3; EP2672333A1; RU2609193C2; EP2672332A1; RU2635334C2; US5654941A; EP3582028A1; US8777480B2; US11609538B2; WO2013182487A1; US9501037B2; EP0686897B1

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 89810469 A 19890619; DE 68908168 T 19890619; JP 15780190 A 19900618; US 54008690 A 19900619