

Title (en)  
Watch case with a rotating bezel

Title (de)  
Uhrengehäuse mit verdrehbarem Glasreif

Title (fr)  
Boîte de montre à lunette tournante

Publication  
**EP 0686897 A1 19951213 (FR)**

Application  
**EP 95810365 A 19950602**

Priority  
CH 181594 A 19940609

Abstract (en)  
The watch housing includes a turning rim (18) which is clipped onto a fixed ring (17) designed to be fixed to the watch housing. The rim (18) has teeth (21) into which the free end (22b) of a wire positioning spring (22) engages, the other end of the spring (22a) is bent and engages into a hole (23) in the fixed ring (17). The wire spring (22) has three segments, two end segments (22c,22d), which are practically straight and tangential to a concentric circle of the rim (18), and an intermediate segment (22e) arched at its centre of curvature inside the rim (18) but with a radius much smaller than that of the rim. The shape of the spring (22) provides the necessary force to permit the rim to turn in two practically equal directions.  
<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)

Citation (applicant)  
• CH 536509 A 19721013 - MANUF DE BOITES DE MONTRES S G [CH]  
• EP 0470018 A1 19920205 - EATON CONTROLS SARL [FR]  
• DE 1673621 A1 19710506 - BURG FRED G

Citation (search report)  
• [DY] EP 0470018 A1 19920205 - EATON CONTROLS SARL [FR]  
• [DY] DE 1673621 A1 19710506 - BURG FRED G  
• [A] FR 2307301 A1 19761105 - EBAUCHES SA [CH]  
• [A] CH 340191 A 19590731 - ANCIENNE MANUFACTURE D HORLOGE [CH]  
• [A] JP S4717028 Y1 19720614

Cited by  
EP3543798A1; DE29610039U1; EP2624076A1; US9188959B2; EP4020098A1; EP4020097A1; US11977355B2; US11262703B2

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DE 69500599 T2 19980205; US 5541895 A 19960730

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