

Title (en)

VARIABLE GEOMETRY TIMEPIECE DISPLAY MECHANISM WITH ELASTIC NEEDLE

Title (de)

UHR-ANZEIGEMECHANISMUS MIT VARIABLER GEOMETRIE UND ELASTISCHEM ZEIGER

Title (fr)

MÉCANISME D’AFFICHAGE D’HORLOGERIE À GÉOMÉTRIE VARIABLE AVEC AIGUILLE ÉLASTIQUE

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Appication

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Abstract (en)

[origin: WO2020025424A1] Disclosed is a variable timepiece display mechanism (10) comprising an elastic hand (1) with two drive barrels (2; 4) secured to a single-piece flexible blade (3) comprising an apex or index, with drive means (11) for pivoting the barrel (2; 4), and means (12) for stressing the blade (3) in order to vary the position of the apex relative to the axis of the barrels, which means comprise an accelerating or decelerating unit for accelerating, stabilizing the speed of, or decelerating the first barrel (2) and/or the second barrel (4) over at least part of its angular travel, said accelerating or decelerating unit comprising a device with a first differential (912) on the drive gear train of the first barrel (2) and/or a second differential (914) on the drive gear train of the second barrel (4), and at least one cam (902,904) constituting an input of a differential (912, 914).

IPC 8 full level

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CPC (source: CN EP US)

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