Title (en)
DRIVING MECHANISM AND APPLICATION IN A RETROGRADE DISPLAY

Title (de)
ANTRIEBSMECHANISMUS UND SEINE ANWENDUNG IN EINEM RÜCKLÄUFIGEN DISPLAY

Title (fr)
MECANISME D'ENTRAINEMENT ET APPLICATION A UN AFFICHAGE DE TYPE RETROGRADE

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Application
EP 09797442 A 20090529

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Abstract (en)
[origin: WO2010006835A1] The invention relates to a mechanism for driving two circular display members (12, 13), the two display members (12, 13) being arranged coaxially and rotating in opposite directions at absolutely equal angular speeds. The present invention also relates to a timepiece using the above mechanism, wherein each of the display members (12, 13) includes N arms (12a, 12b, 12c, 13a, 13b, 13c). The timepiece further includes a dial (10) at least partially solid and arranged above the mechanism and the display members, and has an aperture (11) cut therein that defines an opening with a 180°/N angle having the centre thereof coinciding with the rotation axis of the display members (12, 13). The display members (12, 13) are arranged so that only one of the arms (12a, 12b, 12c, 13a, 13b, 13c) of the above two display members (12, 13) is always visible through said aperture (11). One of the arms (12a, 12b, 12c, 13a, 13b, 13c) of the display member (12, 13) moves across the entire aperture (11) in one movement direction until the same reaches the edge of the aperture (11), then one of the arms (12a, 12b, 12c, 13a, 13b, 13c) of the other display member (12, 13) moves across the entire aperture (11) in the other movement direction.

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