

Title (en)

BISTABLE MECHANICAL DEVICE FOR CLOCKMAKING

Title (de)

BISTABILE MECHANISCHE VORRICHTUNG FÜR UHRWERKE

Title (fr)

DISPOSITIF MÉCANIQUE BISTABLE, NOTAMMENT POUR L'HORLOGERIE

Publication

**EP 3338144 B1 20190925 (FR)**

Application

**EP 16742314 A 20160726**

Priority

- EP 15182005 A 20150821
- EP 2016067714 W 20160726

Abstract (en)

[origin: WO2017032528A1] The bistable mechanical device according to the invention comprises a first elastic leaf (5) and a second elastic leaf (6) and can occupy a state of rest in which the first and second elastic leaves (5, 6) are free of any deformation strain and first and second stable functional states in which the first and second elastic leaves (5, 6) each have a convexity, the convexity of each of the first and second elastic leaves (5, 6) changing direction upon the transition from one of the first and second stable functional states to the other. The bistable mechanical device is characterized in that each of the first and second elastic leaves (5, 6) is preformed so that it already has a convexity in the state of rest, the convexity of one of the first and second elastic leaves (5, 6) changing direction in the transition from the state of rest to one of the first and second stable functional states.

IPC 8 full level

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CPC (source: EP)

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- EP 2730980 A1 20140514 - NIVAROX SA [CH]
- WO 2013144236 A1 20131003 - NIVAROX SA [CH]

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