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根据细则 4.17 的声明:

— 发明人资格(细则 4.17(iv))

本国际公布:

— 包括国际检索报告(条约第 21 条(3))。

(54) Title: **BIAXIAL TOURBILLION MECHANISM OF MECHANICAL WATCH**

(54) 发明名称: 一种机械手表的双轴陀飞轮机构

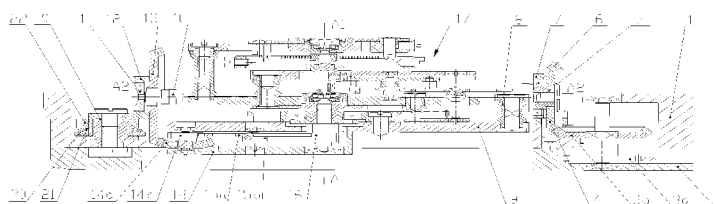


图 1 /Fig.1

(57) Abstract: Disclosed is a biaxial tourbillon mechanism of a mechanical watch, wherein an inner tourbillon (17) is provided on a first second splint (9), a first bracket shaft (5) and a second setting wheel (4) of setting wheel parts are fixed in one piece; a second bracket shaft (10) on a second bracket (12) and a fourth second wheel (13) in a transmission gear train are fixed in one piece; the axis of the first bracket shaft (5) and the axis of the second bracket shaft (10) are in a horizontal axis; and the setting wheel parts and the transmission gear train are provided on the main splint (1). The whole framework is of an opening structure, which reduces the thickness of the framework and makes the finished product thinner; a bevel gear is used to complete the rotational movement of the tourbillon framework in three-dimensional space, which makes the transmission movement more stable and the watch more accurate; the overall outer frame supporting shaft can be disassembled, which makes the assembly and maintenance more convenient; and by an adjusting device, the axial height of the second bracket (12) is adjusted subtly, which effectively ensures the axiality of the brackets on both sides of the outer frame, which makes the rotational movement of the tourbillon framework in three-dimensional space more stable.

(57) 摘要:

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