

Title (en)
CLUTCH SYSTEM FOR CHRONOGRAPH

Title (de)
KUPPLUNGSSYSTEM FÜR CHRONOGRAPH

Title (fr)
SYSTEME D'EMBRAYAGE POUR CHRONOGRAPHE

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Application
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Abstract (en)
[origin: WO2018091476A1] A coupling system (1) for a chronograph mechanism, comprising: an input wheel (3) intended to be driven by a motor unit; an output wheel (5) intended to drive at least one display member; and intermediate wheel (9), in permanent kinematic connection with a first wheel (3, 5) selected between the input wheel (3) and the output wheel (5), said intermediate wheel (9) being mounted such that it can move between a coupled state in which the input wheel (3) is in kinematic connection with the output wheel (5), and an uncoupled state in which the kinematic connection is broken. According to the invention, the system (1) also comprises: a first friction disc (17), rotationally secured with the intermediate wheel (9), and a second friction disc (19) rotationally secured with a second wheel (5, 3) selected between the input wheel (3) and the output wheel (5), the friction discs (17, 19) being at least partially coplanar and arranged to transmit rotation between the intermediate wheel (9) and the second wheel (5, 3), or vice versa, when the system (1) is in a coupled state; a first security disc (37) rotationally secured with the intermediate wheel (9) and comprising a first security toothing, and a second security disc (39) rotationally secured with the second wheel (5,3) and comprising a second security toothing, the two sets of security toothing being shaped in such a way that they mutually mesh when the intermediate wheel (9) is in a coupled state.

IPC 8 full level
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