

Title (en)
Automatic winding-mechanism

Title (de)
Automatischer Aufzug

Title (fr)
Mécanisme de remontoir automatique

Publication
EP 2109015 A2 20091014 (FR)

Application
EP 09002311 A 20090219

Priority
CH 5552008 A 20080410

Abstract (en)
The mechanism has an unbalanced winding mass (8a) combined with another unbalanced winding mass to form a rotor. The rotor is connected to a ratchet (4) of a movement barrel by a kinematic connection, where the connection includes an axle (15), a shaft (17) and a conical toothed wheel (24). The axle, shaft and the wheel are pivoted along two directions (A-A, B-B) that form an angle between them. The toothed wheel is integrated to the rotor pivoted on the shaft.

Abstract (fr)
Le mécanisme de remontage automatique, notamment pour mouvement d'horlogerie d'une montre bracelet, comporte une masse de remontage balourdée ou rotor (8) reliée au rochet (4) d'un barillet du mouvement par une liaison cinématique comportant des mobiles (24,17,15) pivotés suivant au moins deux directions (A-A, B-B, C-C; D-D) formant un angle entre elles.

IPC 8 full level
G04B 5/18 (2006.01)

CPC (source: EP)
G04B 5/187 (2013.01)

Cited by
CN114779600A; WO2010142778A1

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Designated extension state (EPC)
AL BA RS

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