

Title (en)

Device for winding an automatic watch including a disengaging system

Title (de)

Vorrichtung zum Aufziehen einer automatischen Armbanduhr, die mit einem Auskupplungssystem versehen ist

Title (fr)

Dispositif de remontage d'une montre automatique comportant un système de débrayage

Publication

EP 2244138 B1 20120307 (FR)

Application

EP 10003056 A 20100323

Priority

CH 6782009 A 20090422

Abstract (en)

[origin: EP2244138A1] The device has a winding system comprising winding arms (2, 2') for rotating a winding wheel, and an instantaneous disengaging module (11) for disengaging the winding wheel when a mainspring of a barrel is not working in a given tension range. The disengaging module comprises an instantaneous drive head mounted coaxially on an axle, and a setting wheel (17) rotated around the axle by intermediate wheels that are engaged with the barrel and a ratchet. The module has a disengaging lever (14) cooperating with a cam (18) of the module, and disengaging the winding arms from the winding wheel.

IPC 8 full level

G04B 5/24 (2006.01); **G04B 9/02** (2006.01)

CPC (source: EP)

G04B 5/165 (2013.01); **G04B 5/24** (2013.01); **G04B 9/02** (2013.01)

Cited by

CN103513558A; US9146536B2; WO2012150492A1; WO2013014504A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2244138 A1 20101027; **EP 2244138 B1 20120307**; AT E548681 T1 20120315; CH 700861 A2 20101029

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