

Title (en)
HALTING MECHANISM FOR A TIMEPIECE CHIMING MECHANISM

Title (de)
ARRETIERMECHANISMUS FÜR SCHLAGWERKMECHANISMUS EINER UHR

Title (fr)
MÉCANISME D'ARRÊTAGE POUR MÉCANISME DE SONNERIE D'HORLOGERIE

Publication
EP 3435169 B1 20230301 (FR)

Application
EP 17182973 A 20170725

Priority
EP 17182973 A 20170725

Abstract (en)
[origin: US2019033790A1] Stopping mechanism for a striking mechanism comprising energy storage means including a power reserve transmission wheel set, a strike wheel set comprising a detent ratchet, a main click for the passing strike function and/or a repeater release click, the stopping mechanism includes an uncoupling lever for moving the clicks away from the strike wheel set, by an instantaneous jump of a lever changing the position of the uncoupling lever, when the level of energy of the storage means crosses a predefined threshold, through the cooperation between a finger, driven by the power reserve transmission wheel set, and a jumper returned by a first spring, to bring the finger to bear on a fork of the lever to cause it to pivot abruptly by instantaneously changing the position of a lug with respect to a second spring.

IPC 8 full level
G04B 9/02 (2006.01); **G04B 21/10** (2006.01); **G04B 23/12** (2006.01); **G04B 31/08** (2006.01); **G04D 3/00** (2006.01); **G04B 21/14** (2006.01)

CPC (source: CN EP KR RU US)
G04B 9/02 (2013.01 - EP KR RU US); **G04B 13/00** (2013.01 - CN US); **G04B 19/02** (2013.01 - CN US); **G04B 19/065** (2013.01 - KR); **G04B 21/02** (2013.01 - KR US); **G04B 21/10** (2013.01 - EP RU US); **G04B 21/12** (2013.01 - CN); **G04B 23/02** (2013.01 - CN); **G04B 23/12** (2013.01 - EP RU US); **G04B 31/08** (2013.01 - EP); **G04D 3/0071** (2013.01 - EP); **G04B 21/14** (2013.01 - EP US)

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