

Title (en)

Timepiece with an alarm provided with surprise-piece lifting lever

Title (de)

Uhr mit Schlagwerk mit Überfallisolator

Title (fr)

Pièce d'horlogerie à sonnerie avec isolateur de surprise

Publication

EP 1416342 B1 20100113 (FR)

Application

EP 02079614 A 20021104

Priority

EP 02079614 A 20021104

Abstract (en)

[origin: EP1416342A1] When a striking command is issued, a catch (36) is released allowing a spring (25) to rotate a curved rack (28) and lever (22). The lever has a contact finger (26) which releases a surprise jumper (8). The jumper moves under spring (10) loading to adjust the position of a surprise (5) mounted on a minutes spiral (4) and the contact finger with surprise insulator (47) continues the movement to block the hours spiral (16).

IPC 8 full level

G04B 21/12 (2006.01)

CPC (source: EP)

G04B 21/12 (2013.01)

Cited by

EP3339977A1; EP1959318A1; CN109960135A; CN109828446A; EP3502793A1; EP3339976A1; CN108241285A; RU2752225C2; EP4071562A1; US10514660B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1416342 A1 20040506; EP 1416342 B1 20100113; AT E455321 T1 20100115; DE 60235090 D1 20100304

DOCDB simple family (application)

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