

Title (en)

Annual or perpetual calendar mechanism and timepiece comprising the use thereof

Title (de)

Uhrmechanismus eines Jahres- oder ewigen Kalenders, und Uhr, die eine solche Anwendung umfasst

Title (fr)

Mécanisme de quantième annuel ou perpétuel et pièce d horlogerie en comportant application

Publication

EP 3026504 B1 20170927 (FR)

Application

EP 14195258 A 20141127

Priority

EP 14195258 A 20141127

Abstract (en)

[origin: JP2016102793A] PROBLEM TO BE SOLVED: To provide an annual or permanent calendar mechanism capable of being locally or wholly reduced in at least one portion of a bulk.SOLUTION: In an annual or permanent calendar mechanism, a day gear unit 23 includes a V-shaped notch 63 and a day gear 23. For each action of a lever 21, a first claw finger 50 brings one step action to one of teeth 61, 62, 64 of the day gear 23. When the lever 21 is operated at the end of a month having days less than 31 days, a second claw finger 51 brings actions of the day gear unit 23 for the total number of gear tooth steps to the V-shaped notch 63. The V-shaped notch 63 is located between the two consecutive teeth 61, 64 of the teeth 61, 62, 64 of the day gear 23. The day gear 23 has a periphery 60 forming an outline of the gear and the V-shaped notch 63.SELECTED DRAWING: Figure 3

IPC 8 full level

G04B 19/253 (2006.01); **G04B 19/24** (2006.01)

CPC (source: CN EP US)

G04B 19/241 (2013.01 - US); **G04B 19/25346** (2013.01 - US); **G04B 19/2536** (2013.01 - CN EP US); **G04B 19/2538** (2013.01 - US); **G04B 19/268** (2013.01 - CN)

Cited by

EP3845973A1; EP4141581A1; WO2023030876A1; EP3550382A1; WO2019193430A1; CH716983A1; EP4325303A1; WO2024038348A1; EP3690556A1; US11599063B2; US11892804B2

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DOCDB simple family (publication)

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EP 14195258 A 20141127; CN 201510849591 A 20151127; HK 16108509 A 20160719; JP 2015230630 A 20151126; US 201514948540 A 20151123