Title (en)

CALENDAR MECHANISM FOR DISPLAYING THE DAY OF THE WEEK AND THE DAY OF THE MONTH IN A TIMEPIECE

Title (de)

KALENDARMECHANISMUS ZUR DARSTELLUNG DES WOCHENTAGES UND DES MONATSTAGES IN EINER UHR

Title (fr)

MECANISME DE CALENDRIER POUR AFFICHER LE QUANTIEME ET LE JOUR DE LA SEMAINE DANS UNE PIECE D HORLOGERIE

Publication

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Application

EP 03799584 A 20031218

Priority

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Abstract (en)

[origin: WO2004066039A1] The invention relates to a calendar mechanism for displaying the date and the day in one timepiece. The inventive mechanism consists of: a date indicator (24) in the form of an internally-toothed crown; and drive means (10, 76) for driving said date indicator, comprising a first drive wheel (76) with external teeth (78) such that it can be driven around an axis of rotation by a mobile (10) which is solidly connected to the hour wheel (2) of the timepiece. Moreover, the aforementioned external teeth comprise a prominent tooth (78") which is longer than the other teeth and which rests on a tooth of the internal teeth (44) of the date indicator in order to move same forward by one day in a time interval around a pre-determined hour of the day. The mechanism also comprises a day indicator (20), drive means (10, 76', 22) for driving said day indicator in order to move same forward by one day during the above-mentioned time interval and means (50, 52) of positioning said indicators (24, 20). The invention is characterised in that the day indicator drive means comprise a second drive wheel (76') which is equipped with external teeth (78') and which is disposed on top of the first drive wheel (76) in a co-axial manner. The invention is further characterised in that the first and second drive wheels (76, 76') are provided with the same diameter and the same even number of teeth (78,78') and are driven by the same mobile (10) which is solidly connected to the hour wheel (2).

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Citation (search report)

See references of WO 2004066039A1

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