

Title (en)

Timepiece incorporating a striking mechanism

Title (de)

Uhr mit einem Schlagwerk

Title (fr)

Pièce d'horlogerie munie d'un mécanisme de sonnerie

Publication

EP 1760554 A1 20070307 (FR)

Application

EP 05405512 A 20050901

Priority

EP 05405512 A 20050901

Abstract (en)

The timepiece has a striking mechanism with hour, quarter and minute racks (37-39) respectively having ratchet teeth (37a, 38a, 39a) for driving striking pallets. Return springs (40-42) connect the racks (37-39) respectively to hour, quarter and minute snails (34-36). A release lever (48) disconnects temporarily the racks from a striking gear train so that the springs engage the racks with the snails and the train brings the racks in a determined angular position at the end of the striking. The racks are pivoted at the geometrical center of the movement of the timepiece.

IPC 8 full level

G04B 21/12 (2006.01)

CPC (source: EP)

G04B 21/12 (2013.01)

Citation (search report)

- [X] EP 1429214 A1 20040616 - ROTH & GENTA HAUTE HORLOGERIE [CH]
- [X] CH 689337 A5 19990226 - PATEK PHILIPPE SA [FR]
- [X] CH 22775 A 19020331 - PAUL AUBERT & FILS [CH]

Cited by

CN106030420A; JP2017516976A; EP3070542A1; CN106030421A; JP2017516064A; WO2015124509A1; WO2015124510A1; WO2023197422A1

Designated contracting state (EPC)

CH DE FR LI

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1760554 A1 20070307

DOCDB simple family (application)

EP 05405512 A 20050901