

Title (en)
Timepiece incorporating a striking mechanism

Title (de)
Uhr mit einem Schlagwerk

Title (fr)
Pièce d'horlogerie munie d'un mecanisme 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

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