

Title (en)

STRIKING MECHANISM FOR A CLOCK PIECE

Title (de)

SCHLAGWERKVORRICHTUNG FÜR EINE UHR

Title (fr)

MECANISME DE SONNERIE POUR UNE PIECE D'HORLOGERIE

Publication

EP 3108306 B1 20181226 (FR)

Application

EP 15705584 A 20150213

Priority

- EP 14155756 A 20140219
- EP 2015053122 W 20150213

Abstract (en)

[origin: WO2015124509A1] The chime mechanism comprises gongs (29, 30), hammers (27, 28) for striking the gongs, pallet pins (23-26) for actuating the hammers, an hours ratchet (20), a quarters ratchet (21) and a minutes ratchet (22) for actuating the pallet pins in order to chime the hours, the quarters and the minutes, these ratchets (20-22) being pivot mounted about the same axis, an hours cam (41), a quarters cam (46) and a minutes cam (51), an hours feeler (39), a quarters feeler (44) and a minutes feeler (49) arranged to collaborate with the hours, quarters and minutes cams respectively, and connections between the hours ratchet (20) and the hours feeler (39), between the quarters ratchet (21) and the quarters feeler (44) and between the minutes ratchet (22) and the minutes feeler (49) respectively. Said connections comprise an hours pinion (31) secured to the hours ratchet (20), a quarters pinion (32) secured to the quarters ratchet (21), and a minutes pinion (33) secured to the minutes ratchet (22), and an hours rack (34) between the hours pinion (31) and the hours feeler (39), a quarters rack (35) between the quarters pinion (32) and the quarters feeler (44) and a minutes rack (36) between the minutes pinion (33) and the minutes feeler (49).

IPC 8 full level

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CPC (source: CN EP)

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