

Title (en)
CLOCK

Title (de)
UHR

Title (fr)
MONTRE

Publication
EP 1125172 B1 20091111 (DE)

Application
EP 00954245 A 20000901

Priority
• CH 0000466 W 20000901
• CH 160399 A 19990902

Abstract (en)
[origin: WO0118612A1] In addition to known elements such as a minute hand (1), second hand (2), minute dial (4) and date display (3), the inventive clock has an hour dial on a two-looped curve (limaçon) (7), comprising an outer loop (8) for the hours of the day from 0600 to 1800 and an inner loop for the hours of the night from 1800 to 0600, with a point at which the two loops (8, 9) intersect (6) at 0600/1800. The hour hand (5) is configured with an adjustable length for a clearer display. A guiding element is moved azimuthally in a second curve (10) by the inner part of the hour hand (5), said inner curve being radially inwardly offset from the first curve (7) by a constant amount and being e.g., milled into the clock face in a groove shape. The guiding element is subjected to a superimposed radial movement as a result of the shape of the second curve (10). The second curve (10) with the guiding element is covered by a disk (11) which is connected to the inner part of the hour hand (5) and rotates with the same.

IPC 8 full level
G04B 19/00 (2006.01); **G04B 19/08** (2006.01)

CPC (source: EP US)
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Cited by
EP3798743A1; EP3798744A1; EP3798744B1

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WO 0118612 A1 20010315; AT E448510 T1 20091115; AU 6679600 A 20010410; CA 2347860 A1 20010315; CN 1154027 C 20040616; CN 1335947 A 20020213; DE 50015790 D1 20091224; EP 1125172 A1 20010822; EP 1125172 B1 20091111; HK 1042343 A1 20020809; HK 1042343 B 20050324; JP 2003508793 A 20030304; JP 4471548 B2 20100602; US 6809992 B1 20041026

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