

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: US6809992B1] A clock with a twenty four hour display includes a minute hand, a second hand, a minute scale, a date display, and an hour scale on a first conchoid. The first conchoid includes an outer loop for the hours of the day from 6-18 hours and an inner loop for the hours of the day from 18-6. A crossing point of the inner and outer loops is established at the hours of 6 and 18. To achieve unambiguous indication, the hour hand is made variable in length. In a second conchoid offset by a constant amount radially inwards with respect to the first conchoid, which for instance is milled in the form of a groove in the dial, a guiding element is moved azimuthally through the inner part of the hour hand, which receives an overlay of radial movement owing to the shape of the second conchoid. The second conchoid and the guiding element may be covered by a disc joined to the inner part of the hour hand and turning with it.

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

CPC (source: EP US)
G04B 19/08 (2013.01 - EP US)

Cited by
EP3798743A1; EP3798744A1; EP3798744B1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
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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