Title (en)
  MYSTERY CLOCK

Title (de)
  GEHEIMNISVOLLE UHR

Title (fr)
  PENDULE "MYSTERIEUSE"

Publication
  EP 0791191 B1 20000329 (FR)

Application
  EP 96931872 A 19960918

Priority
  • FR 9601454 W 19960918
  • FR 9510912 A 19950918

Abstract (en)
  [origin: WO9711412A1] A clock, known as a "mystery" clock as it is almost entirely transparent, is disclosed. The clock comprises a transparent
  dial with reading indicia (11), a minute indicator that is transparent except in the region of a clock hand (28'), and an hour indicator that is also
  transparent except in the region of a clock hand (26'). The indicators and the dial have a common axis (Y) and are supported by a frame or rim (20),
  and the indicators and/or the dial have peripheral teeth concealed behind said rim (20) for rotating the indicators and the dial relative to the rim (20)
  about said axis (Y). Said clock further comprises a fixed frame (2) having a fixed axis (X) and movably supporting said rim (20); first drive means
  (19, 18') for rotating said rim (20) and the indicators and dial thereon about said fixed axis (X) in a predetermined direction and at a predetermined
  angular speed; and second drive means (17, 22) responsive to the rotation of the rim (20) for rotating said dial and/or said minute indicator and/
  or said hour indicator about said axis (Y) by engaging the circumference thereof to cause relative rotation of said indicators and said dial and thus
  provide an instant indication of the time by means of the relative angular positions of said indicators with respect to the dial.

IPC 1-7
  G04B 45/04

IPC 8 full level
  G04B 45/04 (2006.01)

CPC (source: EP US)
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Cited by
  GB2351163A; US7568831B2

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  BE CH DE ES FR GB IT LI

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  WO 9711412 A1 19970327; AU 7088796 A 19970409; CN 1166882 A 19971203; DE 69607455 D1 20000504; EP 0791191 A1 19970827;
  EP 0791191 B1 20000329; FR 2741967 A1 19970606; FR 2741967 B1 19980220; JP H10509520 A 19980914; US 5878003 A 19990302

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