

Title (en)
WORLD CLOCK

Publication
EP 0173230 B1 19880518 (FR)

Application
EP 85110441 A 19850820

Priority
CH 402684 A 19840823

Abstract (en)
[origin: US4634287A] The timepiece of this invention comprises at least one hand making a revolution in twelve hours and a disc making a revolution in twenty-four hours. A crown enables simultaneous setting of the hand and disc display when pulled out to the second position. When rotated in one sense while in the first pulled-out position the crown sets the disc only. Between the disc and the hand there is interposed a speed reducer provided with a hollowed-out gear containing a jumper spring. The jumper engages a star wheel, itself fixed to a pinion which meshes with teeth borne by the disc. In operating the disc through this mechanism it is displaced through one hour intervals by the action of the end of the jumper on the teeth of the star wheel.

IPC 1-7
G04B 19/22

IPC 8 full level
G04B 19/22 (2006.01); **G04B 19/23** (2006.01); **G04B 19/25** (2006.01)

CPC (source: EP US)
G04B 19/235 (2013.01 - EP US)

Cited by
CH673196GA3; CN111324030A; EP0498551A1; CH717029A1; EP0360963A1; DE4015948A1; EP3772673A1; CN112346325A; US11774911B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0173230 A1 19860305; EP 0173230 B1 19880518; CH 657007G A3 19860815; DE 3562828 D1 19880623; HK 19392 A 19920320;
JP 2541568 Y2 19970716; JP H0684382 U 19941202; JP S6162890 A 19860331; US 4634287 A 19870106

DOCDB simple family (application)
EP 85110441 A 19850820; CH 402684 A 19840823; DE 3562828 T 19850820; HK 19392 A 19920312; JP 18435585 A 19850823;
JP 9592091 U 19911028; US 76837585 A 19850822