

Title (en)
CLOCK MECHANISM FOR DISPLAYING THE LUNAR PHASE

Title (de)
MONDPHASEN-ANZEIGEMECHANISMUS EINER UHR

Title (fr)
MÉCANISME D’AFFICHAGE DE PHASE DE LUNE D’HORLOGERIE

Publication
EP 3098671 B1 20191009 (FR)

Application
EP 15169454 A 20150527

Priority
EP 15169454 A 20150527

Abstract (en)
[origin: US2016349705A1] Moon phase display mechanism including a control wheel driven by a movement, which control wheel drives a moon phase disc behind an aperture in a dial, and this mechanism includes: coaxial, superposed and permanently driven in opposite directions, a first phase indicator wheel carrying a first heart cam, and a second phase indicator wheel carrying a second heart cam, and this control wheel includes means for guiding a double lever comprising two arms, only one of which arms is arranged, at any time, to cooperate in contact with one of these second and first heart cams, each to display the moon phase visible in either the Northern or Southern Hemisphere, and to allow the moon phase disc to pivot in the appropriate direction for this hemisphere.

IPC 8 full level
G04B 19/26 (2006.01); **G04B 19/253** (2006.01)

CPC (source: CN EP US)
G04B 19/268 (2013.01 - CN EP US); **G04B 19/253** (2013.01 - US)

Cited by
EP4016197A1; WO2022129573A1; EP3467596B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3098671 A1 20161130; EP 3098671 B1 20191009; CN 106200344 A 20161207; CN 106200344 B 20180518; JP 2016224033 A 20161228; JP 6097432 B2 20170315; US 2016349705 A1 20161201; US 9594351 B2 20170314

DOCDB simple family (application)
EP 15169454 A 20150527; CN 201610356720 A 20160526; JP 2016083453 A 20160419; US 201615085178 A 20160330