

Title (en)
DEVICE FOR DISPLAYING THE PHASES OF THE MOON

Title (de)
MONDPHASEN-ANZEIGEVORRICHTUNG

Title (fr)
DISPOSITIF D'AFFICHAGE DE PHASES LUNAIRES

Publication
EP 3379343 B1 20200219 (FR)

Application
EP 17161916 A 20170320

Priority
EP 17161916 A 20170320

Abstract (en)
[origin: US2018267473A1] A lunar phase display device including an annular cover including four ring portions, two successive ring portions being separated by a convex lobe projecting radially towards the inside of the annular cover; a moon indicator disc, a drive device arranged to move the moon indicator disc so that the disc makes a cycloidal trajectory between two successive lobes, the moon indicator disc being at least partially occulted by each of the two lobes during one portion of the cycloidal trajectory so as to reproduce the phases of the moon during a lunar month.

IPC 8 full level
G04B 19/26 (2006.01)

CPC (source: CN EP KR RU US)
G04B 13/02 (2013.01 - KR); **G04B 19/046** (2013.01 - US); **G04B 19/26** (2013.01 - RU); **G04B 19/268** (2013.01 - CN EP KR US)

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 3379343 A1 20180926; EP 3379343 B1 20200219; CN 108628144 A 20181009; CN 108628144 B 20200424; JP 2018155739 A 20181004; JP 6484735 B2 20190313; KR 102067889 B1 20200117; KR 20180106985 A 20181001; RU 2688040 C1 20190517; US 10520892 B2 20191231; US 2018267473 A1 20180920

DOCDB simple family (application)
EP 17161916 A 20170320; CN 201810203383 A 20180313; JP 2018029447 A 20180222; KR 20180031506 A 20180319; RU 2018109465 A 20180319; US 201815888204 A 20180205