

Title (en)
MECHANICAL WATCH WITH A CHIMING RINGER

Title (de)
MECHANISCHE ARMBANDUHR MIT GLOCKENSPIELSCHLAGWERK

Title (fr)
MONTRE MECANIQUE A SONNERIE AVEC CARILLON

Publication
EP 3339977 B1 20190731 (FR)

Application
EP 17204318 A 20171129

Priority
EP 16206572 A 20161223

Abstract (en)
[origin: US2018181070A1] Timepiece movement with a carillon striking mechanism, striking the hours and quarter-hours with different melodies, the striking mechanism including a quarter surprise-piece coaxial to and superposed on the quarter-snail, in a limited angular travel with respect to the quarter-snail, arranged to ensure the sequential playing of the melodies of the four quarter-hours on the full hour, in the first minute of the new hour, and further including, in the plane of the quarter surprise-piece, a quarter surprise-piece jumper, arranged to drive and/or to lock this quarter surprise-piece.

IPC 8 full level
G04B 21/04 (2006.01)

CPC (source: CN EP KR RU US)
G04B 13/028 (2013.01 - KR); **G04B 21/02** (2013.01 - CN); **G04B 21/04** (2013.01 - EP RU US); **G04B 21/06** (2013.01 - EP RU US);
G04B 21/08 (2013.01 - CN); **G04B 21/10** (2013.01 - EP RU US)

Cited by
EP4071562A1; EP3845975A1

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 3339977 A1 20180627; **EP 3339977 B1 20190731**; CN 108241285 A 20180703; CN 108241285 B 20191018; EP 3339976 A1 20180627;
HK 1257135 A1 20191011; JP 2018105851 A 20180705; JP 6484694 B2 20190313; KR 102030256 B1 20191008; KR 20180074601 A 20180703;
RU 2017145141 A 20190624; RU 2017145141 A3 20210701; RU 2752225 C2 20210723; US 10514660 B2 20191224;
US 2018181070 A1 20180628

DOCDB simple family (application)
EP 17204318 A 20171129; CN 201711415046 A 20171222; EP 16206572 A 20161223; HK 18116391 A 20181221; JP 2017233234 A 20171205;
KR 20170178276 A 20171222; RU 2017145141 A 20171221; US 201715834249 A 20171207