

Title (en)
TIMEPIECE CHIMING MECHANISM

Title (de)
SCHLAGWERKMECHANISMUS EINES UHRWERKS

Title (fr)
MÉCANISME DE SONNERIE D'HORLOGERIE

Publication
EP 3540526 B1 20210505 (FR)

Application
EP 18161568 A 20180313

Priority
EP 18161568 A 20180313

Abstract (en)
[origin: JP2019158873A] To provide a timepiece striking mechanism that removes unwanted noise generated by hammer rebound in striking a gong with a hammer.SOLUTION: A timepiece striking mechanism includes a mechanism for controlling at least one hammer 1. The hammer 1 includes a first striking area 2 arranged to strike, in a first direction of travel, a first resonant component 3 on a first striking surface 30 when the at least one hammer 1 moves from a recoiled position to a first impact position. The hammer 1 includes, opposite to the first striking area 2, a second striking area 5 arranged to strike, in a second direction of travel opposite to the first direction of travel, when the hammer 1 recoils from the first impact position to the recoiled position, a second striking surface 40 included either in the first resonant component 3 or a second resonant component 4 distinct from the first resonant component 3.SELECTED DRAWING: Figure 4

IPC 8 full level
G04B 21/06 (2006.01)

CPC (source: CN EP US)
G04B 21/02 (2013.01 - US); **G04B 21/06** (2013.01 - EP US); **G04B 23/00** (2013.01 - CN); **G04B 23/005** (2013.01 - CN);
G04B 23/02 (2013.01 - CN); **G04B 23/026** (2013.01 - CN)

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 3540526 A1 20190918; EP 3540526 B1 20210505; CN 110275425 A 20190924; CN 110275425 B 20201110; EP 3882717 A1 20210922;
JP 2019158873 A 20190919; JP 6827064 B2 20210210; US 2019286059 A1 20190919

DOCDB simple family (application)
EP 18161568 A 20180313; CN 201910160848 A 20190304; EP 21167854 A 20180313; JP 2019026270 A 20190218;
US 201916275757 A 20190214