

Title (en)

Striking mechanism and timepiece provided with said striking mechanism

Title (de)

Schlagwerkmechanismus und Uhr, die mit einem solchen Schlagwerkmechanismus ausgestattet ist

Title (fr)

Mécanisme de sonnerie et pièce d'horlogerie munie de ce mécanisme de sonnerie

Publication

EP 2767875 A2 20140820 (FR)

Application

EP 14154724 A 20140211

Priority

CH 4682013 A 20130215

Abstract (en)

The mechanism has gongs struck simultaneously by hammers (5a-5c) that are actuated by a single trigger mechanism. The hammers are pivoted around a same axis and aligned and secured to each other. One of the hammers comprises a pallet (13) cooperating with a winding wheel driven by the trigger mechanism. The hammers secured to each other are subjected to an action of a hammer spring (11). The hammers include striking nozzles (8a-8c) placed in a plane of the gongs, so that the nozzles simultaneously contact with the gongs during striking.

Abstract (fr)

Le mécanisme de sonnerie harmonique notamment répétition minute, sonnerie en passant ou à la demande comporte au moins deux timbres (3) frappés simultanément chacun par un marteau (5) correspondant, un seul mécanisme de déclenchement (13, 14) actionnant tous les marteaux (5). Une pièce d'horlogerie munie d'un tel mécanisme.

IPC 8 full level

G04B 21/06 (2006.01); **G04B 21/08** (2006.01)

CPC (source: EP)

G04B 21/06 (2013.01); **G04B 21/08** (2013.01)

Citation (applicant)

- GB 120172 A 19181031 - CHAPMAN SIDNEY THEODORE
- US 1367563 A 19210208 - ADOLPH PFEIFFER
- EP 2048548 A2 20090415 - RICHEMONT INT SA [CH]

Cited by

CH716149A1; JP2021092558A; US11644794B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2767875 A2 20140820; EP 2767875 A3 20161207; CH 707570 A2 20140815

DOCDB simple family (application)

EP 14154724 A 20140211; CH 4682013 A 20130215