

Title (en)

ACOUSTIC RADIATION MEMBRANE, AND CHIMING WATCH PROVIDED WITH THE ACOUSTIC MEMBRANE

Title (de)

SCHALLABSTRAHLUNGSMEMBRAN UND ARMBANDUHR MIT SCHLAGWERK, DIE MIT EINER SOLCHEN SCHALLMEMBRAN AUSGESTATTET IST

Title (fr)

MEMBRANE DE RAYONNEMENT ACOUSTIQUE, ET MONTRE A SONNERIE MUNIE DE LA MEMBRANE ACOUSTIQUE

Publication

EP 3457220 B1 20230503 (FR)

Application

EP 18189746 A 20180820

Priority

EP 17191103 A 20170914

Abstract (en)

[origin: US2019079456A1] The striking or musical watch comprises a watch case, which comprises a case middle and a back attached to the case middle in a sealed manner and in a detachable manner, a glass closing the case in a sealed manner, a watch movement or a watch electronic module retained in the interior of the watch case and equipped with a sonic vibration generator intended to be activated during specific periods in order to produce a sound or music. The watch comprises at least one acoustic radiation membrane made at least in part of wood or a wood composite material and attached to a part of the case in order to radiate the sound produced by the sonic vibration generator towards the exterior of the case.

IPC 8 full level

G04B 21/08 (2006.01); **G04B 23/02** (2006.01); **G04B 37/00** (2006.01); **G10K 13/00** (2006.01)

CPC (source: CN EP US)

A44C 5/0007 (2013.01 - US); **A44C 5/14** (2013.01 - US); **A45C 13/008** (2013.01 - US); **G04B 21/08** (2013.01 - CN EP US); **G04B 23/028** (2013.01 - CN EP US); **G04B 37/0075** (2013.01 - EP US); **G10K 13/00** (2013.01 - EP US)

Citation (examination)

- JP 3429170 B2 20030722
- FR 825885 A 19380316 - JUNGHANS GEB AG
- EP 2461220 A1 20120606 - MONTRES BREQUET SA [CH]
- EP 2942675 A1 20151111 - SOCIÉTÉ ANONYME DE LA MANUFACTURE D HORLOGERIE AUDEMARS PIGUET & CIE [CH]
- WO 2017024104 A1 20170209 - CATALYST LIFESTYLE LTD [CN], et al

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)

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DOCDB simple family (application)

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