

Title (en)

Acoustic dispersion membrane for a musical watch

Title (de)

Schallabstrahlungsmembran für eine Armbanduhr mit Spieluhr

Title (fr)

Membrane de rayonnement acoustique pour une montre musicale

Publication

**EP 2881807 B1 20191127 (FR)**

Application

**EP 13196238 A 20131209**

Priority

EP 13196238 A 20131209

Abstract (en)

[origin: CN104698808A] The acoustic radiating membrane (1) is provided to equip a musical watch or a striking watch. The dome-shaped membrane comprises an active central portion, a lateral wall (3) and a peripheral edge portion (4) for holding the membrane in a watch case. The central portion includes a central base connected by connecting elements (5) to a peripheral ring (2'), the central base (2), the connecting elements and the peripheral ring being of dimensions determined to amplify a first vibration mode of one or more notes in a frequency range from 500 Hz to 3.5 kHz.

IPC 8 full level

**G10K 1/07** (2006.01); **G04B 21/08** (2006.01); **G04B 23/02** (2006.01); **G04B 37/00** (2006.01)

CPC (source: EP US)

**G04B 21/08** (2013.01 - EP US); **G04B 23/028** (2013.01 - EP US); **G04B 37/0075** (2013.01 - EP US); **G10K 1/07** (2013.01 - EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 13196238 A 20131209**; CN 201410748666 A 20141209; HK 15111849 A 20151202; JP 2014245572 A 20141204; US 201414556370 A 20141201