

Title (en)
MUSICAL WATCH CASE

Title (de)
GEHÄUSE FÜR SPIELUHR

Title (fr)
BOÎTE DE MONTRE MUSICALE

Publication
EP 3537229 B1 20240424 (FR)

Application
EP 18160023 A 20180305

Priority
EP 18160023 A 20180305

Abstract (en)
[origin: US2019271949A1] A musical watch case including a case middle with surfaces receiving and supporting a cover with a bezel, or a case back, and a casing ring, the case including at least one gong fixed to the case middle with a resonant part distinct from the walls of the case middle, which supports the cover via lugs included in the bezel or the case middle and which are arranged to allow vibration of the cover assembly at frequencies from 4 kHz to 6 kHz, these distinct and distant lugs forming, with at least one gasket, the only direct contacts between the bezel and the case middle, between which each lug includes a thin, elastic, median strip, more flexible than its solid distal end, and of smaller thickness than the smallest cross-section of these gongs.

IPC 8 full level
G04B 23/02 (2006.01); **G04B 37/00** (2006.01)

CPC (source: CN EP US)
G04B 19/283 (2013.01 - CN); **G04B 21/00** (2013.01 - CN); **G04B 21/08** (2013.01 - CN); **G04B 23/005** (2013.01 - CN);
G04B 23/028 (2013.01 - CN EP US); **G04B 37/0075** (2013.01 - CN EP US); **G04B 37/08** (2013.01 - CN US); **G04B 37/22** (2013.01 - US);
G04B 39/00 (2013.01 - CN)

Citation (examination)
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Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3537229 A1 20190911; **EP 3537229 B1 20240424**; CN 110231765 A 20190913; CN 110231765 B 20201110; CN 110231766 A 20190913; CN 110231766 B 20210608; EP 3537230 A1 20190911; EP 3537230 B1 20210331; JP 2019152659 A 20190912; JP 2019152660 A 20190912; JP 6676798 B2 20200408; JP 6676799 B2 20200408; US 11415945 B2 20220816; US 11449009 B2 20220920; US 2019271949 A1 20190905; US 2019271950 A1 20190905

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