

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: US2019271950A1] A musical watch case including a case middle with surfaces for receiving and supporting a cover with a bezel, and a casing ring, and supporting at least one gong with a resonant part distinct from the walls of the case middle, which supports the cover via distinct and remote lugs included in the bezel or the case middle and which are arranged to allow vibration of the cover, and form, with at least one gasket, the only direct contacts between the bezel and the case middle, which includes, around an annular wall defining an inner chamber around the casing ring, and around all the other these lugs, a resonator ring integral with the case middle distant at every point from the bezel and from the lugs, forming with this wall an external radiating cavity.

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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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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