

Title (en)
SOUND-EMITTING DEVICE, NOTIFICATION DEVICE, AND SENSOR

Title (de)
TONAUSGABEVORRICHTUNG, BENACHRICHTIGUNGSVORRICHTUNG UND SENSOR

Title (fr)
DISPOSITIF D'ÉMISSION DE SON, DISPOSITIF DE NOTIFICATION ET CAPTEUR

Publication
EP 3518231 A4 20190821 (EN)

Application
EP 17853127 A 20170921

Priority
• JP 2016184499 A 20160921
• JP 2017034105 W 20170921

Abstract (en)
[origin: EP3518231A1] Provided is a sound-emitting device, an alarm device, and a detector capable of providing sounds in a plurality of patterns having different tones with a common configuration. The sound-emitting device (1) includes a sound generation unit (4), and a signal generation unit (2). The sound generation unit (4) is configured to generate sounds in a plurality of patterns having different tones. The signal generation unit (2) is configured to transmit, to the sound generation unit (4), a signal corresponding to any of the plurality of patterns. The sound generation unit (4) is configured to generate a sound in a pattern according to the signal from the signal generation unit 2).

IPC 8 full level
G10K 9/12 (2006.01); **G08B 3/10** (2006.01); **G08B 17/00** (2006.01); **G08B 17/107** (2006.01); **G08B 23/00** (2006.01)

CPC (source: EP)
G08B 3/10 (2013.01); **G10K 9/122** (2013.01); **G08B 17/107** (2013.01)

Citation (search report)
• [X] JP 2009157447 A 20090716 - HOCHIKI CO
• [X] US 7505600 B2 20090317 - DRYER JOSEPH E [US]
• [X] EP 2866224 A1 20150429 - PANASONIC IP MAN CO LTD [JP]
• [A] WO 2011100121 A1 20110818 - INNOVALARM CORP [US]
• See references of WO 2018056358A1

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 3518231 A1 20190731; **EP 3518231 A4 20190821**; **EP 3518231 B1 20230830**; EP 4246484 A2 20230920; EP 4246484 A3 20231129; JP 6964258 B2 20211110; JP WO2018056358 A1 20190725; WO 2018056358 A1 20180329

DOCDB simple family (application)
EP 17853127 A 20170921; EP 23188227 A 20170921; JP 2017034105 W 20170921; JP 2018540294 A 20170921