

Title (en)

ALARM DEVICE AND METHOD FOR TRIGGERING A VIBRATION ALARM

Title (de)

ALARMVORRICHTUNG UND VERFAHREN ZUM AUSLÖSEN EINES VIBRATIONSSALARMS

Title (fr)

DISPOSITIF D'ALARME ET PROCÉDÉ DE DÉCLENCHEMENT D'UNE ALARME VIBRANTE

Publication

EP 3776502 A1 20210217 (DE)

Application

EP 19715121 A 20190409

Priority

- EP 18166353 A 20180409
- EP 2019058898 W 20190409

Abstract (en)

[origin: WO2019197375A1] The invention relates to the field of installations in the basic materials industry, specifically alarm devices for such installations. The aim of the invention is to devise an alarm device and a method with which operating personnel of such installations can be made aware of critical states simply and reliably. This is achieved by an alarm device (1) for triggering a vibration alarm. The alarm device comprises a rigid first plate (5), which is suitable for storing objects, and at least one actuator (3) for setting the first plate (5) vibrating. A first add-on part (4) is used to place the first plate (5) at a predefined distance above a floor (10). A vibration damper (2) is respectively arranged between the first plate (5) and the first add-on part (4). This object is also achieved by a method which, in the event of critical states of the installation in the basic materials industry, activates an actuator (3) of the alarm device (1).

IPC 8 full level

G08B 6/00 (2006.01); **G08B 21/06** (2006.01); **G08B 25/08** (2006.01); **G08B 25/14** (2006.01); **G08B 27/00** (2006.01)

CPC (source: EP)

G08B 6/00 (2013.01); **G08B 21/06** (2013.01); **G08B 25/08** (2013.01); **G08B 25/14** (2013.01); **G08B 27/00** (2013.01)

Citation (search report)

See references of WO 2019197375A1

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 3553756 A1 20191016; BR 112020019739 A2 20210217; CN 111937048 A 20201113; EP 3776502 A1 20210217; WO 2019197375 A1 20191017

DOCDB simple family (application)

EP 18166353 A 20180409; BR 112020019739 A 20190409; CN 201980024406 A 20190409; EP 19715121 A 20190409; EP 2019058898 W 20190409