

Title (en)

HELMET-MOUNTED EMERGENCY EVACUATION WARNING DEVICE, AND EMERGENCY EVACUATION WARNING SYSTEM

Title (de)

AN EINEM HELM MONTIERTE NOTFALLEVAKUIERUNGSWARNVORRICHTUNG UND NOTFALLEVAKUIERUNGSWARNSYSTEM

Title (fr)

DISPOSITIF D'AVERTISSEMENT D'ÉVACUATION D'URGENCE MONTÉ SUR UN CASQUE, ET SYSTÈME D'AVERTISSEMENT D'ÉVACUATION D'URGENCE

Publication

EP 3767603 A4 20211201 (EN)

Application

EP 19768334 A 20190313

Priority

- JP 2018045530 A 20180313
- JP 2019010226 W 20190313

Abstract (en)

[origin: EP3767603A1] The present invention addresses the problem of providing an emergency evacuation warning device capable of effectively transferring vibrations to the head of a user, even if a helmet is interposed therebetween, and an emergency evacuation warning system. This emergency evacuation warning device for prompting a related person in a work area to carry out an evacuation action immediately is provided with: a casing which vibrates by means of the movement of an inbuilt vibrator; an elastic fixing band which detachably fixes the casing to a helmet of the related person, and which extends in two directions from the casing and is wound around the helmet along the surface of the helmet; and a supporting unit which partially supports the casing on the surface of the helmet in such a way that the helmet oscillates together with the casing by means of the vibrations of the vibrator, which moves in conjunction with a wireless warning signal providing notification of a danger approaching the work area.

IPC 8 full level

A42B 3/04 (2006.01); **G08B 6/00** (2006.01); **G08B 21/02** (2006.01); **G08B 25/00** (2006.01); **G08B 25/10** (2006.01); **G08B 27/00** (2006.01)

CPC (source: EP)

G08B 6/00 (2013.01); **G08B 27/001** (2013.01); **A42B 3/0433** (2013.01); **G08B 25/009** (2013.01)

Citation (search report)

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- [Y] WO 2008085511 A1 20080717 - CABRERA RONALD J [US]
- [Y] WO 2010005045 A1 20100114 - HIROSHIGE HATSUNORI [JP]
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- See references of WO 2019177007A1

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

DOCDB simple family (publication)

EP 3767603 A1 20210120; **EP 3767603 A4 20211201**; CN 111837169 A 20201027; JP 7055193 B2 20220415; JP WO2019177007 A1 20210311; WO 2019177007 A1 20190919

DOCDB simple family (application)

EP 19768334 A 20190313; CN 201980018572 A 20190313; JP 2019010226 W 20190313; JP 2020506594 A 20190313