

Title (en)
A HOUSEHOLD EMERGENCY CALL DEVICE

Title (de)
HAUSHALTSNOTRUFVORRICHTUNG

Title (fr)
DISPOSITIF D'APPEL D'URGENCE DOMESTIQUE

Publication
EP 4369319 A1 20240515 (EN)

Application
EP 22207077 A 20221111

Priority
EP 22207077 A 20221111

Abstract (en)
The household emergency call device has a housing with installed touchscreen, at least one loudspeaker, at least one microphone, a power supply, a wireless transmitter for making emergency calls and sending position of the device and/or its user, a processor for controlling operation of the device, a memory for storing data, connection means for connection of external devices such as wrist-watch, wearable pendant, wearable bracelet, pressure monitor, blood sugar measurement device, etc., wherein the device is configured to perform at least the following operations:- detection of falls, long-term non-movement, location and/or other potentially important vital signs via connected wearable item and/or external device, wherein in case of detected irregularities an emergency call is initiated to a pre-set location,- operation of household appliances, lights, window shuts, doors, locks, and similar, in case these have a Bluetooth or similar connection means pairable with the device, wherein said appliances may be controlled by the user or autonomously by the device in case of initiated emergency calls,- entering and storing the performed activities in the memory of the device and/or on a server,- enabling documentation of logged and stored events, which can be accessed and overviewed.

IPC 8 full level
G08B 21/02 (2006.01); **G08B 21/24** (2006.01); **G08B 25/00** (2006.01); **G08B 25/01** (2006.01)

CPC (source: EP)
G08B 21/0211 (2013.01); **G08B 25/006** (2013.01); **G08B 25/009** (2013.01); **G08B 25/016** (2013.01); **A61J 7/0076** (2013.01); **A61J 7/0445** (2015.05); **G08B 21/245** (2013.01)

Citation (applicant)
• CN 113971869 A 20220125 - YICHENG RONGCHUANG INFORMATION TECH CO LTD
• JP 2002041659 A 20020208 - NEC SOFTWARE NIIGATA LTD
• JP 2004110222 A 20040408 - NEC ENGINEERING LTD
• KR 20130137976 A 20131218 - INTELLIGENT HOME TECHNOLOGY [KR]
• DE 102011004099 A1 20120816 - BOSCH GMBH ROBERT [DE]
• CN 216053262 U 20220315 - RICH LETTER CHONGQING DATA SCIENCE AND TECH SHARE LIMITED COMPANY
• US 6433906 A 20060830

Citation (search report)
• [Y] US 2006154642 A1 20060713 - SCANNELL ROBERT F JR [US]
• [Y] US 8475368 B2 20130702 - TRAN BAO [US], et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

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