

Title (en)  
VEHICLE ALARM DEVICE

Title (de)  
FAHRZEUGALARMOVORRICHTUNG

Title (fr)  
DISPOSITIF D'ALARME DE VÉHICULE

Publication  
**EP 4033472 A1 20220727 (EN)**

Application  
**EP 21207753 A 20211111**

Priority  
JP 2021007110 A 20210120

Abstract (en)  
[Problem to be Solved] To properly output an alarm so as to reduce discomfort imparted to a driver.[Solution] A vehicle alarm device of the present invention has an alarm control unit that outputs an alarm when time to collision between a vehicle and a collision object is equal to or less than a predetermined time to collision threshold. The alarm control unit prohibits output of the alarm when there is no deceleration of the collision object and a brake operation of the vehicle is recognized. Alternatively, the alarm control unit prohibits output of the alarm when a deceleration of the vehicle is equal to or greater than a predetermined deceleration threshold.

IPC 8 full level  
**G08G 1/16** (2006.01)

CPC (source: EP)  
**G08G 1/166** (2013.01)

Citation (applicant)  
JP 2018045569 A 20180322 - NISSAN MOTOR

Citation (search report)

- [XY] US 2016293010 A1 20161006 - KAMIJO KENTARO [JP], et al
- [YA] US 2020079308 A1 20200312 - VANTERPOOL MONICA ANDREA [US]
- [XY] US 2018144633 A1 20180524 - MINEMURA AKITOSHI [JP], 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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 4033472 A1 20220727**; JP 2022111582 A 20220801

DOCDB simple family (application)  
**EP 21207753 A 20211111**; JP 2021007110 A 20210120