

Title (en)

ELECTRIC VEHICLE AND METHOD OF BREAKING THE SAME

Title (de)

ELEKTROFAHRZEUG UND VERFAHREN ZUM ABBREMSEN DAVON

Title (fr)

VÉHICULE ÉLECTRIQUE ET SON PROCÉDÉ DE FREINAGE

Publication

**EP 3308761 A1 20180418 (EN)**

Application

**EP 17195658 A 20171010**

Priority

JP 2016200320 A 20161011

Abstract (en)

One object is to provide an electric vehicle (10) capable of determining, without using a grip sensor or the like, whether a user is operating the electric vehicle (10), and a method of braking the same. An electric vehicle (10) includes a wheel or an endless track (13) provided on a frame (11), a brake unit (20) for braking the wheel or the endless track (13), and a control unit (16) for controlling the brake unit (20). Based on a change in acceleration of the electric vehicle (10), the control unit (16) determines whether a user is operating the electric vehicle (10).

IPC 8 full level

**A61H 3/04** (2006.01)

CPC (source: EP)

**A61H 3/04** (2013.01); **A61H 2003/043** (2013.01); **A61H 2003/046** (2013.01)

Citation (search report)

- [X] US 2009045021 A1 20090219 - EINBINDER ELI [US]
- [A] US 2014365033 A1 20141211 - MASAKI YASUO [JP]
- [A] EP 3075369 A1 20161005 - NABTESCO CORP [JP]
- [A] WO 2015085403 A1 20150618 - HUMAN CARE CANADA INC [CA]

Cited by

CN112790952A; EP4029487A1

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 3308761 A1 20180418**; **EP 3308761 B1 20190605**; JP 2018061615 A 20180419; JP 7083593 B2 20220613

DOCDB simple family (application)

**EP 17195658 A 20171010**; JP 2016200320 A 20161011