

## Title (en)

ELECTRONIC LOCKING DEVICE AND APPARATUS FOR PROVIDING AN AUTHORIZATION TO UNLOCK A DOOR LOCK

## Title (de)

ELEKTRONISCHE VERRIEGELUNGSVORRICHTUNG UND VORRICHTUNG ZUM BEREITSTELLEN EINER BERECHTIGUNG ZUM ENTRIEGELN EINES TÜRSCHLOSSES

## Title (fr)

DISPOSITIF DE VERROUILLAGE ÉLECTRONIQUE ET APPAREIL PERMETTANT DE FOURNIR UNE AUTORISATION POUR DÉVERROUILLER UN VERROU DE PORTE

## Publication

**EP 3698334 A4 20210825 (EN)**

## Application

**EP 18854175 A 20180905**

## Priority

- FI 20175797 A 20170908
- FI 2018050624 W 20180905

## Abstract (en)

[origin: WO2019048735A1] According to an aspect, there is provided a solution for operating a door lock with an electronic locking device. The electronic locking device (100A - 100E) comprises an operating power interface (106), a processing unit (102) and a vibration sensor (104) coupled between the operating power interface and the processing unit and configured to wake up the processing unit from an idle state to a normal operation state in response to detecting vibration induced to the electronic locking device.

## IPC 8 full level

**G07C 9/00** (2020.01); **E05B 47/00** (2006.01); **G01H 17/00** (2006.01); **H04W 4/80** (2018.01); **H04W 12/062** (2021.01); **H04L 29/06** (2006.01); **H04W 12/61** (2021.01); **H04W 12/63** (2021.01)

## CPC (source: EP FI US)

**E05B 47/0001** (2013.01 - FI); **G01H 17/00** (2013.01 - FI); **G07C 9/00174** (2013.01 - EP FI US); **G07C 9/00571** (2013.01 - EP); **H04W 4/80** (2018.01 - FI); **H04W 12/06** (2013.01 - FI); **H04W 12/08** (2013.01 - EP); **G07C 2009/00365** (2013.01 - EP); **G07C 2009/00746** (2013.01 - EP); **H04L 63/107** (2013.01 - EP); **H04W 4/80** (2018.01 - EP); **H04W 12/47** (2021.01 - EP); **H04W 12/61** (2021.01 - EP); **H04W 12/63** (2021.01 - EP FI US)

## Citation (search report)

- [I] US 2015015362 A1 20150115 - MURPHY MATTHEW [US]
- [I] US 2015348344 A1 20151203 - RETTIG RAYMOND F [US], et al
- [I] US 2012280783 A1 20121108 - GERHARDT PAUL MICHAEL [US], et al
- [I] US 2017002586 A1 20170105 - LEE DOMINICK S [US]
- [I] WO 2008076074 A1 20080626 - PHONIRO AB [SE], et al
- See references of WO 2019048735A1

## 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)

**WO 2019048735 A1 20190314**; EP 3698334 A1 20200826; EP 3698334 A4 20210825; FI 20175797 A1 20190309

## DOCDB simple family (application)

**FI 2018050624 W 20180905**; EP 18854175 A 20180905; FI 20175797 A 20170908