

Title (en)
ABNORMALITY DETECTING DEVICE, PROGRAM, ABNORMALITY DETECTING METHOD, AND INFORMATION PROCESSING DEVICE

Title (de)
ANOMALIEERKENNUNGSVORRICHTUNG, PROGRAMM, ANOMALIEERKENNUNGSVERFAHREN UND
INFORMATIONSVERRARBEITUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE DÉTECTION D'ANOMALIE, PROGRAMME, PROCÉDÉ DE DÉTECTION D'ANOMALIE ET DISPOSITIF DE TRAITEMENT
D'INFORMATIONS

Publication
EP 4023848 A1 20220706 (EN)

Application
EP 21197123 A 20210916

Priority
JP 2020155768 A 20200916

Abstract (en)
An abnormality detecting device (1) for detecting an abnormality of at least one rotating body, the at least one rotating body being configured to transmit power generated by an actuator to open and close a door (3R, 3L), the abnormality detecting device (1) including: an obtaining unit (31) for obtaining, during movement of the door (3R, 3L), a door operation signal related to at least one of opening operation or closing operation of the door (3R, 3L); and a determination unit (32) for determining whether or not the door operation signal includes a periodic component according to a rotational period of the at least one rotating body.

IPC 8 full level
E05F 15/60 (2015.01); **E05F 15/632** (2015.01)

CPC (source: EP)
E05F 15/60 (2015.01); **E05F 15/632** (2015.01); **E05Y 2400/502** (2013.01); **E05Y 2900/51** (2013.01)

Citation (applicant)
JP 2011011715 A 20110120 - MITSUBISHI ELECTRIC CORP

Citation (search report)
• [XAI] JP 2020104611 A 20200709 - NABTESCO CORP
• [X] JP 2020084641 A 20200604 - NABTESCO CORP

Cited by
EP4317643A1

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 4023848 A1 20220706; CN 114263410 A 20220401; JP 2022049691 A 20220329

DOCDB simple family (application)
EP 21197123 A 20210916; CN 202111080836 A 20210915; JP 2021151062 A 20210916