

Title (en)
DOOR-OPENING SENSOR-BUTTON WITH RF INTERFACE

Title (de)
TÜRÖFFNUNGSSENSOR-TASTE MIT HF-SCHNITTSTELLE

Title (fr)
BOU-TON-CAPTEUR D'OUVERTURE DE PORTE DOTÉ D'UNE INTERFACE RF

Publication
EP 4002304 A1 20220525 (EN)

Application
EP 20208114 A 20201117

Priority
EP 20208114 A 20201117

Abstract (en)
A sensor button for a public transport vehicle comprises a sensor electrode coupled to a sensor circuit and a RF communication circuit configured to communicate with at least one user device e.g. a cell phone or a RFID token. The sensor button further includes a communication bus interface configured to communicate with a public transport vehicle controller wherein the sensor button is configured to forward data between the at least one user device and the public transport vehicle controller.

IPC 8 full level
G07B 15/00 (2011.01); **G07C 9/00** (2020.01); **G07C 9/20** (2020.01)

CPC (source: EP)
G07B 15/00 (2013.01); **G07C 9/00309** (2013.01); **G07C 9/00896** (2013.01); **G07C 9/00944** (2013.01); **G07C 9/20** (2020.01); **G07C 9/00571** (2013.01); **G07C 9/27** (2020.01); **G07C 2209/62** (2013.01)

Citation (applicant)
DE 102015212129 A1 20170105 - BOMBARDIER TRANSP GMBH [DE]

Citation (search report)
• [X] EP 3190567 A1 20170712 - SWISS INNOVATION LAB AG [CH]
• [I] EP 1688902 A2 20060809 - SCANCOUNT ELECTRONIC GMBH [DE]
• [A] US 2017306685 A1 20171026 - HARDING ALFONS [DE], et al
• [A] FR 3059125 A1 20180525 - ACTOLL [FR]

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 4002304 A1 20220525; EP 4002305 A1 20220525; WO 2022106244 A1 20220527

DOCDB simple family (application)
EP 20208114 A 20201117; EP 2021080967 W 20211108; EP 21206961 A 20211108