Title (en)
    CONTROL SYSTEM AND METHOD

Title (de)
    STEUERUNGSSYSTEM UND -VERFAHREN

Title (fr)
    SYSTÈME ET PROCÉDÉ DE COMMANDE

Publication
    EP 4288945 A1 20231213 (EN)

Application
    EP 22704351 A 20220203

Priority
    • GB 202101641 A 20210205
    • EP 2022052622 W 20220203

Abstract (en)
    [origin: GB2603506A] A control system (1) having one or more controller(s) (21) for communicating with a device (2-n) and configured to broadcast at least a first polling signal (PS-n) to initiate a communication with the device (2-n). The control system (1) receives a response signal (IDS-n) from the device (2-n); and identifies the device (2-n) from the response signal (IDS-n). The control system (1) implements a first polling mode (PM-n) to initiate the communication with the device (2-n); and to implement a second polling mode (PM-n) after identification of the device (2-n). The polling modes preferably have different polling rates, with the first polling rate of the first polling mode greater than the polling rate of the second polling mode. The second polling mode can also include the generation and transmission of a device sleep signal which may be targeted to a particular one of a plurality of identified devices via a device identifier. The second polling mode can also include periodically transmitting the first polling signal. A device wake-up signal can also be generated and transmitted to the device to amplify generation of the response signal. The device is preferably an electronic key to access a vehicle.

IPC 8 full level
    G07C 9/00 (2020.01); **H04W 52/02** (2009.01)

CPC (source: EP GB)
    B60R 25/24 (2013.01 - GB); **G07C 9/00309** (2013.01 - EP GB); **G07C 9/20** (2020.01 - GB); **H04W 52/0212** (2013.01 - GB); G07C 2009/0038 (2013.01 - EP); G07C 2209/08 (2013.01 - EP); G07C 2209/63 (2013.01 - EP); H04W 52/0235 (2013.01 - EP)

Citation (search report)
    See references of WO 2022167543A1

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

Designated validation state (EPC)
    KH MA MD TN

DOCDB simple family (publication)
    GB 202101641 D0 20210324; **GB 2603506 A 20220810**; EP 4288945 A1 20231213; WO 2022167543 A1 20220811

DOCDB simple family (application)
    GB 202101641 A 20210205; EP 2022052622 W 20220203; EP 22704351 A 20220203