

Title (en)  
BOARDING/DISEMBARKING DETERMINATION DEVICE, BOARDING/DISEMBARKING DETERMINATION METHOD, AND BOARDING/  
DISEMBARKING DETERMINATION PROGRAM

Title (de)  
EINSTIEGS-/AUSSTIEGSBESTIMMUNGSVORRICHTUNG, EINSTIEGS-/AUSSTIEGSBESTIMMUNGSVERFAHREN UND EINSTIEGS-/  
AUSSTIEGSBESTIMMUNGSPROGRAMM

Title (fr)  
DISPOSITIF DE DÉTERMINATION D'EMBARQUEMENT/DÉBARQUEMENT, PROCÉDÉ DE DÉTERMINATION D'EMBARQUEMENT/  
DÉBARQUEMENT ET PROGRAMME DE DÉTERMINATION D'EMBARQUEMENT/DÉBARQUEMENT

Publication  
**EP 4044142 A4 20231108 (EN)**

Application  
**EP 20874738 A 20200825**

Priority  
• JP 2019186539 A 20191010  
• JP 2020031921 W 20200825

Abstract (en)  
[origin: EP4044142A1] A boarding/disembarking determination device (1) includes a boarding/disembarking determination part (22) configured to, at each point of time at which a vehicle (3) departs from a stop, acquire location information on the vehicle and location information on a possible passenger of the vehicle, and determine whether or not the passenger is on board the vehicle, based on a degree of overlapping between the acquired location information on the vehicle and the acquired location information on the passenger. The boarding/disembarking determination part is further configured to acquire location information on the vehicle from a GPS device (42) mounted in the vehicle and acquire location information on the passenger from a GPS device (43) carried by the passenger.

IPC 8 full level  
**G07B 15/02** (2011.01); **G07C 9/28** (2020.01); **G08G 1/123** (2006.01)

CPC (source: EP)  
**G07B 15/02** (2013.01); **G07C 9/28** (2020.01); **G08G 1/123** (2013.01); **G07C 2209/63** (2013.01)

Citation (search report)  
• [X] JP 2010152574 A 20100708 - FUJITSU LTD  
• [I] US 2011060600 A1 20110310 - FOX ARIEH [US], et al  
• [A] WO 2018234982 A1 20181227 - AUTOSTRADE TECH S P A [IT]  
• See references of WO 2021070490A1

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)  
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