Title (en)

TRAFFIC DEMAND CONTROL DEVICE

Title (de)

STEUERUNGSVORRICHTUNG FÜR VERKEHRSANFRAGEN

Title (fr)

DISPOSITIF DE COMMANDE DE DEMANDE DE TRAFIC

Publication

EP 3009324 A4 20170125 (EN)

Application

EP 13886901 A 20130614

Priority

JP 2013066416 W 20130614

Abstract (en)

[origin: EP3009324A1] Provided is a traffic demand control device that provides control information such that each traffic means has a desired usage rate in a traffic network in which a plurality of traffic means exist. In order to solve the above object, the traffic demand control device includes: a storage unit that stores operation situation data indicating the past operation situation, a traveler flow history indicating a usage history of a traffic means of a traveler, and a control variable functioning as a determination criterion when the traveler selects the transport; and a computation processing unit that obtains a usage probability of the traveler for each traffic means in association with a departure place or a destination place, from the operation situation data and the traveler flow history that are stored in the storage unit. The computation processing unit obtains the control variable such that the usage probability of each traffic means in a specified operation situation becomes a predetermined value, and provides the control variable to a traffic management system.

IPC 8 full level

B61L 27/00 (2006.01)

CPC (source: EP)

B61L 27/16 (2022.01); B61L 27/12 (2022.01)

Citation (search report)

- [X] US 6317686 B1 20011113 - RAN BIN [US]
- [X] JP 2011157056 A 20110818 - RAILWAY TECHNICAL RES INST
- [X] JP 2011116300 A 20110616 - RAILWAY TECHNICAL RES INST
- [X] JP 2008062729 A 20080321 - RAILWAY TECHNICAL RES INST
- See references of WO 2014199503A1

Cited by

JP2019018688A; US11256268B1; US11009368B2; US11124154B1

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)

EP 3009324 A1 20160420; **EP 3009324 A4 20170125**; CN 105377664 A 20160302; JP 6138934 B2 20170531; JP WO2014199503 A1 20170223; WO 2014199503 A1 20141218

DOCDB simple family (application)

EP 13886901 A 20130614; CN 201380077376 A 20130614; JP 2013066416 W 20130614; JP 2015522360 A 20130614