Title (en)
LOGISTICS SYSTEM FOR OPTIMISING DELIVERY TIMES

Title (de)
LOGISTIKSYSTEM ZUR OPTIMIERUNG VON ZUSTELLZEITEN

Title (fr)
SYSTÈME LOGISTIQUE D'OPTIMISATION DE TEMPS DE LIVRAISON

Publication
EP 3956833 A1 20220223 (DE)

Application
EP 20720427 A 20200417

Priority
- DE 102019110220 A 20190417
- EP 2020060924 W 20200417

Abstract (en)
[origin: WO2020212608A1] The present invention relates to a logistics system for optimising delivery times of shipments to a plurality of recipients or pick-up and/or return times of shipments from a plurality of recipients with different or identical recipient addresses, said system comprising a main server and at least one service provider client, wherein the main server has a calendar database in which calendar entries representing an availability and/or unavailability of the recipients at their recipient address for at least one period of time are stored for a plurality of recipients, wherein the service provider client is adapted such that the service provider client communicates with the main server and triggers a query of the calendar entries in the calendar database for a predefined recipient of the plurality of recipients. In order to provide a logistics system which reduces the delivery time, i.e. the time from the moment the shipment is handed over to the parcel service to the moment the shipment is handed over to the recipient, or the return time, i.e. the time the recipient must wait until the shipment can be accepted by the parcel service without further action, or the collection time, i.e. the time until the parcel service picks up the shipment, according to the invention the main server comprises a query controller for querying the calendar database, said query controller handling query requests from the service provider client for a predefined recipient, wherein, when a query request is made by the service provider client for a particular time or a particular period of time, the query controller informs the service provider client, in response, whether the predefined recipient is available or unavailable at the recipient address at the particular time or period of time, on the basis of the calendar entries.

IPC 8 full level
G06Q 10/08 (2012.01); **G06Q 10/10** (2012.01)

CPC (source: EP US)
G06Q 10/08 (2013.01 - EP US); **G06Q 10/083** (2013.01 - EP); **G06Q 10/1093** (2013.01 - EP); **G06Q 10/1097** (2013.01 - US)

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)
WO 2020212608 A1 20201022; DE 102019110220 A1 20201022; EP 3956833 A1 20220223; US 2022343448 A1 20221027

DOCDB simple family (application)
EP 2020060924 W 20200417; DE 102019110220 A 20190417; EP 20720427 A 20200417; US 202017604404 A 20200417