

Title of Invention: Method and System for Estimating a Time of Arrival of a Driver at a Location

Abstract

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The present disclosure provides methods and systems for estimating a time of arrival of a driver at a location. In some examples, there is provided a method comprising: defining, by a server, a search area divided into a plurality of cells, the search area having a location as a centre point of the search area, the location being indicated in a request for a driver from a requestor device, the requestor device being a computing device associated with a user; determining, by the server, a number of provider devices located in each cell of the plurality of cells based on a location of each provider device of a plurality of provider devices, each provider device being a computing device associated with a driver located within the search area; and estimating, by the server in real time and in response to the request for a driver, a time of arrival of a driver at the location based on a relative distance between the location and the plurality of cells based on the determined number of provider devices.

20 (Fig. 3)