



US 20240068828A1

(19) **United States**

(12) **Patent Application Publication**
Walker et al.

(10) **Pub. No.: US 2024/0068828 A1**

(43) **Pub. Date: Feb. 29, 2024**

(54) **METHODS AND SYSTEMS FOR DIRECTING THE MOVEMENT OF VEHICLES IN MATERIAL DELIVERY SYSTEMS**

Publication Classification

(51) **Int. Cl.**
G01C 21/34 (2006.01)

(52) **U.S. Cl.**
CPC G01C 21/3484 (2013.01); G01C 21/3446 (2013.01)

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(57) **ABSTRACT**

Systems and methods of determining vehicle travel routes taken by vehicles traveling between a plurality of starting and ending locations may: Identify as Trips pathways previously followed by the vehicles between various starting and ending locations; group into Groups of Trips those Trips having common pairs of starting and ending locations; separate into different Collections of Trips those Groups of Trips having Trips that followed different pathways between the common pairs of starting and ending locations; determine a Common Route for each Collection of Trips based on a number of times each road segment was traversed by the vehicles; form Current Routes by combining Common Routes having similar road segments; and select a Current Route between a defined starting location and a defined ending location, the Current Route representing the most commonly followed route previously taken by the vehicles between the defined starting and ending location.

(21) Appl. No.: **18/378,290**

(22) Filed: **Oct. 10, 2023**

Related U.S. Application Data

(63) Continuation of application No. 17/202,678, filed on Mar. 16, 2021, now abandoned.

(60) Provisional application No. 62/990,525, filed on Mar. 17, 2020.

