

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
04 November 2021 (04.11.2021)



(10) International Publication Number
WO 2021/222046 A1

(51) International Patent Classification:
G06F 16/909 (2019.01)

(21) International Application Number:
PCT/US2021/029024

(22) International Filing Date:
25 April 2021 (25.04.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
16/864,157 01 May 2020 (01.05.2020) US
16/894,761 06 June 2020 (06.06.2020) US
16/940,418 28 July 2020 (28.07.2020) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier applications:

US	16/864,157 (CIP)
Filed on	01 May 2020 (01.05.2020)
US	16/894,761 (CIP)
Filed on	06 June 2020 (06.06.2020)
US	16/940,418 (CIP)
Filed on	28 July 2020 (28.07.2020)
US	16/274,242 (CIP)
Filed on	13 February 2019 (13.02.2019)

(72) Inventor; and

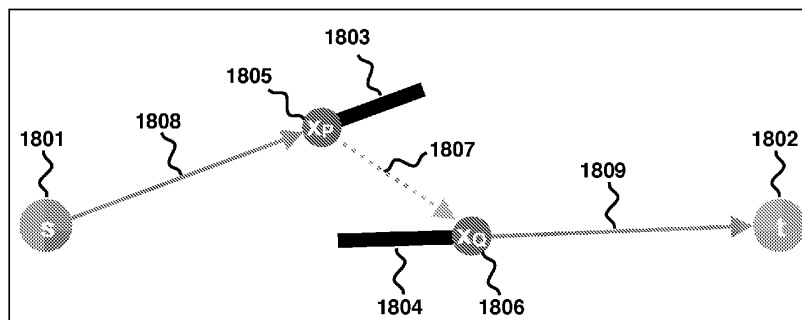
(71) Applicant: **MALEWICZ, Grzegorz** [US/PL]; Alabastrowa 56, 25753 Kielce (PL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(54) Title: A METHOD FOR SEARCHING OR COMPARING SITES USING TRAVEL BETWEEN SITES AND PLACES WITHIN A TRANSPORTATION SYSTEM

FIG. 18



(57) Abstract: Embodiments relate to searching or comparing sites. One embodiment is a real estate search-or-compare method based on commute durations. The method efficiently processes public transportation and real estate property data to compute the durations of travel between the real estate properties and the vehicle stops. These durations are stored. A request framework is introduced that allows to express a wide range of search-or-compare requests. During request processing, the method identifies parts of the commute paths that depend on any real estate property. Because durations for these parts were precomputed and stored, the method can determine commute durations to every real estate property in a scalable manner. As a result, the method rapidly responds to requests within the real estate market of one of the largest metropolitan areas in existence today. Other embodiments include: searching or comparing based on a monetary cost, transportation using private cars, and sites other than real estate properties. A computer system and a computer service also embody the method.

[Continued on next page]

Published:

— *with international search report (Art. 21(3))*