

(19) United States

SYSTEM

(12) Patent Application Publication (10) Pub. No.: US 2024/0214332 A1 Yu et al.

Jun. 27, 2024 (43) **Pub. Date:**

(54) CHATBOT SERVICE PROVIDING METHOD AND CHATBOT SERVICE PROVIDING

- (71) Applicants: Hyundai Motor Company, Seoul (KR); Kia Corporation, Seoul (KR)
- (72) Inventors: Jisang Yu, Yongin-Si (KR); Myungho Noh, Anyang-Si (KR); Chanmin Park, Seoul (KR): Youngmin Park, Seoul (KR); Donghveon Lee, Suwon-Si (KR)
- (21) Appl. No.: 18/384,272
- (22) Filed: Oct. 26, 2023
- (30)Foreign Application Priority Data

Dec. 27, 2022 (KR) 10-2022-0186202

Publication Classification

(51) Int. Cl. H04L 51/02 (2006.01)G06F 40/30 (2006.01)

U.S. Cl. CPC H04L 51/02 (2013.01); G06F 40/30 (2020.01)

(57)ABSTRACT

A method for providing chatbot service may include generating, based on input text received via a user interface device, a plurality of key words and a plurality of types associated with the plurality of key words, classifying, based on the generated key words and the types, an intent associated with the input text, based on the classified intent and at least of one of the key words, searching for information, displaying, on a display of the user interface device, the searched information and the plurality of key words, and adding, on the display of the user interface device, at least a visual effect for indicating whether a key word of the plurality of key words was used for the searching.

