



US 20240178644A1

(19) **United States**(12) **Patent Application Publication**  
**HWANG**(10) **Pub. No.: US 2024/0178644 A1**(43) **Pub. Date: May 30, 2024**(54) **OUTLET APPARATUS FOR VEHICLE****Publication Classification**(71) Applicant: **HYUNDAI MOBIS CO., LTD.**, Seoul  
(KR)(72) Inventor: **Moon Sub HWANG**, Yongin-si (KR)(73) Assignee: **HYUNDAI MOBIS CO., LTD.**, Seoul  
(KR)(21) Appl. No.: **18/366,953**(22) Filed: **Aug. 8, 2023**(30) **Foreign Application Priority Data**

Nov. 25, 2022 (KR) ..... 10-2022-0160131

(51) **Int. Cl.****H02G 11/02** (2006.01)**H01R 25/00** (2006.01)(52) **U.S. Cl.**CPC ..... **H02G 11/02** (2013.01); **H01R 25/003**  
(2013.01); **H01R 2201/26** (2013.01)

(57)

**ABSTRACT**

An outlet apparatus for a vehicle includes: an outlet body installed inside a vehicle, the outlet body configured to house a multitap; the multitap detachably attached to, and housed within, the outlet body, and including power outlets formed to mate with electrical connectors; and a cable providing electrical connectivity between the multitap and a power source of the vehicle that is configured to supply power to the multitap via the cable, wherein the cable is configured to extend from the outlet body when the multitap is detached from the outlet body.

