

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局

(43) 国际公布日
2025 年 4 月 3 日 (03.04.2025)



(10) 国际公布号
WO 2025/067498 A1

(51) 国际专利分类号:
G05B 19/042 (2006.01) **G06F 3/038** (2013.01)

(21) 国际申请号: PCT/CN2024/121978

(22) 国际申请日: 2024 年 9 月 27 日 (27.09.2024)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202311278905.0 2023年9月28日 (28.09.2023) CN

(71) 申请人: 浙江吉利控股集团有限公司(ZHEJIANG GEELY HOLDING GROUP CO., LTD.) [CN/CN]; 中国浙江省杭州市滨江区江陵路 1760 号 310051 (CN)。杭州极充科技有限公司(HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD.) [CN/CN]; 中国浙江省杭州市萧山区宁围街道市心北路857号510室 311215 (CN)。

(72) 发明人: 戴连超 (DAI, Lianchao); 中国浙江省杭州市滨江区江陵路 1760 号 310051 (CN)。王炜 (WANG, Wei); 中国浙江省杭州市滨江区江陵路1760号 310051 (CN)。

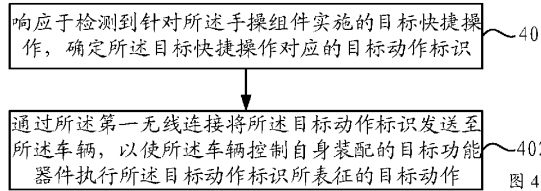
(74) 代理人: 北京博思佳知识产权代理有限公司 (BEIJING BESTIPR INTELLECTUAL PROPERTY LAW CORPORATION); 中国北京市海淀区上地三街9号嘉华大厦B座409 100085 (CN)。

(81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, 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) 指定国(除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO,

(54) Title: VEHICLE CONTROL

(54) 发明名称: 车辆控制



401 In response to detecting a target quick operation performed on a manual operation assembly, determine a target action identifier corresponding to the target quick operation

402 Send the target action identifier to a vehicle via a first wireless connection, such that the vehicle controls a target functional device equipped in the vehicle to execute a target action indicated by the target action identifier

(57) Abstract: Provided are a method, an apparatus, and a system for controlling a vehicle (301). The method is applicable to a quick-function terminal (100, 303) placed inside the vehicle (301) and equipped with a manual operation assembly (102), and comprises: in response to detecting a target quick operation performed on the manual operation assembly (102), determining a target action identifier (401) corresponding to the target quick operation, wherein the quick-function terminal (100, 303) establishes a first wireless connection with the vehicle (301); and sending the target action identifier to the vehicle (301) via the first wireless connection, such that the vehicle (301) controls a target functional device equipped in the vehicle to execute a target action indicated by the target action identifier (402). In this way, a user, such as the driver, can quickly control a target function by performing one-touch operation on the manual operation assembly (102) of the quick-function terminal (100, 303), which helps to improve the driving and riding experience of the user.

WO 2025/067498 A1

[见续页]

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)。

本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 提供一种车辆(301)控制方法、装置及系统。应用于放置在车辆(301)内并装配有手操组件(102)的快捷功能终端(100, 303), 并且包括: 响应于检测到针对手操组件(102)实施的目标快捷操作, 确定目标快捷操作对应的目标动作标识(401); 快捷功能终端(100, 303)与车辆(31)建立有第一无线连接; 通过第一无线连接将目标动作标识发送至车辆(301), 以使车辆(301)控制自身装配的目标功能器件执行目标动作标识所表征的目标动作(402)。这样, 驾驶员等用户可以通过对快捷功能终端(100, 303)的手操组件(102)进行一键操作来实现对目标功能的快捷控制, 有助于提升用户的驾乘体验。