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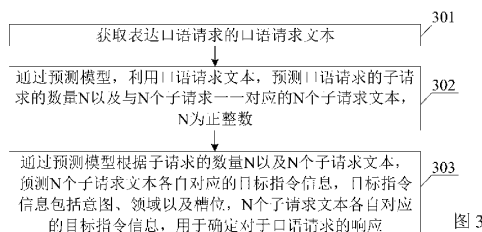
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(54) Title: TEXT PROCESSING METHOD AND APPARATUS, AND ELECTRONIC DEVICE AND STORAGE MEDIUM

(54) 发明名称: 文本处理方法、装置、电子设备和存储介质



- 301 Acquire spoken language request text that expresses a spoken language request
- 302 By means of a prediction model, use the spoken language request text to predict the number N of sub-requests of the spoken language request, and N pieces of sub-request text which correspond to the N sub-requests on a one-to-one basis, wherein N is a positive integer
- 303 By means of the prediction model and on the basis of the number N of the sub-requests and the N pieces of sub-request text, predict target instruction information respectively corresponding to the N pieces of sub-request text, wherein the target instruction information comprises an intent, a field and a slot position, and the target instruction information respectively corresponding to the N pieces of sub-request text is used for determining a response to the spoken language request

(57) Abstract: A text processing method, which is executed by an electronic device. The method comprises: acquiring spoken language request text that expresses a spoken language request (301); by means of a prediction model, using the spoken language request text to predict the number N of sub-requests of the spoken language request, and N pieces of sub-request text which correspond to the N sub-requests on a one-to-one basis, wherein N is a positive integer (302); and by means of the prediction model, using the number N of the sub-requests and the N pieces of sub-request text to predict target instruction information respectively corresponding to the N pieces of sub-request text, wherein the target instruction information comprises an intent, a field and a slot position, and the target instruction information respectively corresponding to the N pieces of sub-request text is used for determining a response to the spoken language request (303).

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位：自编 01-03 和 08-12 单元）（仅限办公用途），Guangdong 510623 (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。
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本国际公布：
— 包括国际检索报告(条约第21条(3))。

(57) 摘要：一种文本处理方法，由电子设备执行，包括：获取表达口语请求的口语请求文本(301)；通过预测模型，利用口语请求文本，预测口语请求的子请求的数量N以及与N个子请求一一对应的N个子请求文本，其中，N为正整数(302)；及通过预测模型，利用子请求的数量N以及N个子请求文本，预测N个子请求文本各自对应的目标指令信息，目标指令信息包括意图、领域以及槽位，N个子请求文本各自对应的目标指令信息，用于确定对于口语请求的响应(303)。