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(71) 申请人: 支付宝 (杭州) 信息技术有限公司 (ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.) [CN/CN]; 中国浙江省杭州市西湖区西溪路 556 号 8 层 B 段 801-11, Zhejiang 310000 (CN)。

(72) 发明人: 梁磊 (LIANG, Lei); 中国浙江省杭州市西湖区西溪路 556 号 8 层 B 段 801-11, Zhejiang 310000 (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, Beijing 100085 (CN)。

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(54) Title: KNOWLEDGE GRAPH DATA FUSION

(54) 发明名称: 知识图谱数据融合

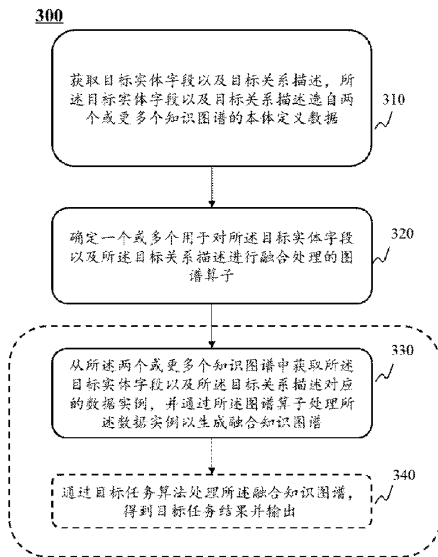


图 3

310 Obtain a target entity field and a target relationship description, the target entity field and the target relationship description being selected from ontology definition data of two or more knowledge graphs

320 Determine one or more graph operators used for fusing the target entity field and the target relationship description

330 Obtain, from the two or more knowledge graphs, data instances corresponding to the target entity field and the target relationship description, and process the data instances by using the one or more graph operators, so as to generate a fused knowledge graph

340 Process the fused knowledge graph by using a target task algorithm, to obtain a target task result and output same

(57) Abstract: A knowledge graph data fusion method and system. The method comprises: obtaining a target entity field and a target relationship description, the target entity field and the target relationship description being selected from ontology definition data of two or more knowledge graphs; and then obtaining data instances of related platforms or service domains, and processing the data instances according to a graph operator that is in fused ontology definition data of the knowledge graphs and used for fusing entity fields and relationship descriptions of different platforms or service domains, to generate a fused knowledge graph.

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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。

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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: 一种知识图谱数据融合方法和系统, 方法包括: 获取目标实体字段以及目标关系描述; 目标实体字段以及目标关系描述选自两个或更多个知识图谱的本体定义数据; 再获取相关的各平台或各业务领域数据实例, 根据融合知识图谱本体定义数据中用于对不同平台或业务领域的实体字段和关系描述进行融合处理的图谱算子对获取的数据实例进行处理, 生成融合知识图谱。