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(71) 申请人: 腾讯科技(深圳)有限公司 (TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED) [CN/CN]; 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。

(72) 发明人: 陈佳丰 (CHEN, Jiafeng); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。江龙威 (JIANG, Longwei); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。刘泓昊 (LIU, Honghao); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。韩瑞 (HAN, Rui); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。

(74) 代理人: 北京派特恩知识产权代理有限公司 (CHINA PAT INTELLECTUAL PROPERTY OFFICE); 中国北京市海淀区海淀南路 21 号中关村知识产权大厦 B 座 2 层, Beijing 100080 (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,

(54) Title: DATA PROCESSING METHOD AND APPARATUS, DEVICE, COMPUTER READABLE STORAGE MEDIUM, AND COMPUTER PROGRAM PRODUCT

(54) 发明名称: 一种数据处理方法、装置、设备、计算机可读存储介质及计算机程序产品

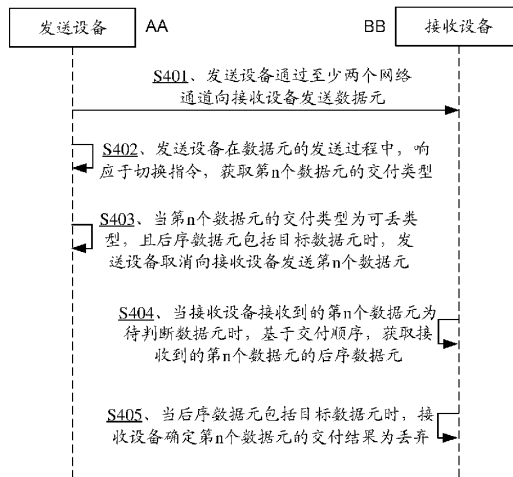


图 4

S401 The transmitting device transmits data elements to the receiving device by means of at least two network channels

S402 During the transmitting process of the data elements, in response to a switching instruction, the transmitting device obtains the delivery type of an nth data element

S403 When the delivery type of the nth data element is a discardable type, and subsequent data elements comprise a target data element, the transmitting device cancels transmitting the nth data element to the receiving device

S404 When the nth data element received by the receiving device is a data element to be determined, obtain the subsequent data elements of the received nth data element on the basis of a delivery sequence

S405 When the subsequent data elements comprise the target data element, the receiving device determines that a delivery result of the nth data element is discarding the nth data element

AA Transmitting device

BB Receiving device

(57) Abstract: A data processing method and apparatus, a device, a computer readable storage medium, and a computer program product. The data processing method comprises: receiving data elements by means of at least two network channels, the data elements comprising a delivery sequence; when a received nth data element is a data element to be determined, obtaining subsequent data elements of the received nth data element on the basis of the delivery sequence, the state of the data element to be determined being an incomplete state, the delivery type of the data element to be determined being a discardable type, the state being determined on the basis of whether all data of the data element is received, and the delivery type being determined on the basis of the following two pieces of information:

[见续页]

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, ME, MG, MK, 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。

- (84) 指定国(除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, 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, MK, MT, NL, NO, 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)。

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a degree of dependence that the data element is depended by other data elements during post-processing and a degree of influence on a post-processing result; and when the subsequent data elements comprise a target data element, determining that a delivery result of the nth data element is discarding the nth data element, the state of the target data element being a complete state, the data type of the target data element being the same as the data type of the nth data element, and the target data element being an independent data element.

(57) 摘要: 一种数据处理方法、装置、设备、计算机可读存储介质及计算机程序产品; 该数据处理方法包括: 通过至少两个网络通道接收数据元, 数据元包括交付顺序; 当接收到的第n个数据元为待判断数据元时, 基于交付顺序, 获取接收到的第n个数据元的后序数据元, 待判断数据元的状态为不完整状态, 且待判断数据元的交付类型为可丢类型, 状态是基于是否接收到数据元的全部数据确定的, 交付类型基于以下两种信息确定: 后处理时被其他数据元依赖的程度和对后处理结果的影响程度; 当后序数据元包括目标数据元时, 确定第n个数据元的交付结果为丢弃, 目标数据元的状态为完整状态, 且目标数据元与第n个数据元在数据类型上相同, 以及目标数据元为独立数据元。