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(71) 申请人: 华为技术有限公司 (HUAWEI TECHNOLOGIES CO., LTD.) [CN/CN]; 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。

(72) 发明人: 张磊 (ZHANG, Lei); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。王艺 (WANG, Yi); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。陈大庚 (CHEN, Dageng); 中国广东省深圳市龙岗区坂田华为总部办公楼, Guangdong 518129 (CN)。

(74) 代理人: 北京同立钧成知识产权代理有限公司 (LEADER PATENT & TRADEMARK FIRM); 中国北京市海淀区西直门北大街 32 号枫蓝国际 A 座 8F-6, Beijing 100082 (CN)。

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本国际公布:

— 包括国际检索报告(条约第 21 条(3))。

(54) Title: COOPERATIVE COMMUNICATION METHOD, APPARATUS AND SYSTEM FOR USER EQUIPMENT

(54) 发明名称: 用户设备协作通信方法、装置及系统

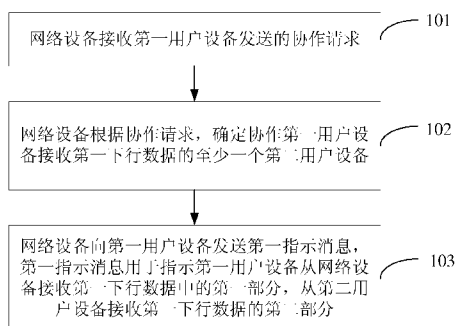


图 1 / FIG. 1

(57) Abstract: Provided are a cooperative communication method, apparatus and system for a user equipment. The cooperative communication method for the user equipment comprises: a network device receiving a cooperation request sent by a first user equipment; determining at least one second user equipment which receives first downlink data cooperatively with the first user equipment according to the cooperation request; and sending a first instruction message to the first user equipment, wherein the first instruction message is used for instructing the first user equipment to receive a first part of the first downlink data from the network device, and receive a second part of the first downlink data from the second user equipment. The embodiments of the present invention can realize that a user equipment obtains a diversity gain or a multiplexing gain.

(57) 摘要: 本发明提供一种用户设备协作通信方法、装置及系统。本发明用户设备协作通信方法, 包括: 网络设备接收第一用户设备发送的协作请求; 根据协作请求, 确定协作第一用户设备接收第一下行数据的至少一个第二用户设备; 向第一用户设备发送第一指示消息, 第一指示消息用于指示第一用户设备从网络设备接收第一下行数据中的第一部分, 从第二用户设备接收第一下行数据的第二部分。本发明实施例可实现用户设备获得分集增益或者复用增益。

- 101 A NETWORK DEVICE RECEIVING A COOPERATION REQUEST SENT BY A FIRST USER EQUIPMENT
- 102 THE NETWORK DEVICE DETERMINING AT LEAST ONE SECOND USER EQUIPMENT WHICH RECEIVES FIRST DOWNLINK DATA COOPERATIVELY WITH THE USER EQUIPMENT ACCORDING TO THE COOPERATION REQUEST
- 103 THE NETWORK DEVICE SENDING A FIRST INSTRUCTION MESSAGE TO THE FIRST USER EQUIPMENT, WHEREIN THE FIRST INSTRUCTION MESSAGE IS USED FOR INSTRUCTING THE FIRST USER EQUIPMENT TO RECEIVE A FIRST PART OF THE FIRST DOWNLINK DATA FROM THE NETWORK DEVICE, AND RECEIVE A SECOND PART OF THE FIRST DOWNLINK DATA FROM THE SECOND USER EQUIPMENT

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