

(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
2022 年 11 月 3 日 (03.11.2022)



(10) 国际公布号
WO 2022/226708 A1

(51) 国际专利分类号:
H04L 1/18 (2006.01)

中国北京市海淀区黑泉路 8 号 1 幢 4 层
101-10 号, Beijing 100192 (CN)。

(21) 国际申请号: PCT/CN2021/089734

(22) 国际申请日: 2021 年 4 月 25 日 (25.04.2021)

(25) 申请语言: 中文

(26) 公布语言: 中文

(71) 申请人: 北京小米移动软件有限公司 (BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.) [CN/CN]; 中国北京市海淀区西二旗中路 33 号院 6 号楼 8 层 018 号, Beijing 100085 (CN)。

(72) 发明人: 付婷 (FU, Ting); 中国北京市海淀区西二旗中路 33 号院 6 号楼 8 层 018 号, Beijing 100085 (CN)。

(74) 代理人: 北京名华博信知识产权代理有限公司 (BOXIN CHINA INTELLECTUAL PROPERTY);

(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, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, 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,

(54) Title: METHOD AND APPARATUS FOR TRANSMITTING CONFIGURED GRANT-DOWNLINK FEEDBACK INFORMATION, AND MEDIUM

(54) 发明名称: 一种传输配置授权的下行反馈信息的方法、装置及介质

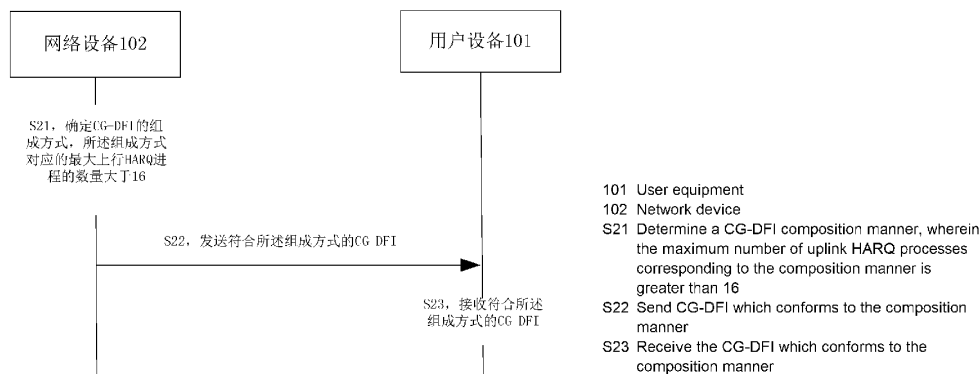


图 2

(57) Abstract: Provided in the present disclosure are a method and apparatus for transmitting configured grant-downlink feedback information (CG-DFI), and a readable storage medium. The method comprises: determining a CG-DFI composition manner, wherein the maximum number of uplink HARQ processes corresponding to the composition manner is greater than 16; and sending, to a user equipment, CG-DFI which conforms to the composition manner. By means of the present disclosure, when the maximum number of uplink HARQ processes is greater than 16, a corresponding CG-DFI composition manner is set, and CG-DFI which conforms to the composition manner is constructed according to the composition manner, and the CG-DFI which conforms to the composition manner is sent to a user equipment 101, such that in an application scenario where the maximum number of uplink HARQ processes is greater than 16, the CG-DFI which conforms to the composition manner is enabled to reflect HARQ-ACK information of all or some of the uplink HARQ processes from among all uplink HARQ processes that correspond to the maximum number of uplink HARQ processes.

[见续页]

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: 本公开提供了一种传输配置授权的下行反馈信息CG-DFI的方法、装置及可读存储介质,所述方法包括:确定CG-DFI的组成方式,所述组成方式对应的最大上行HARQ进程数量大于16;向所述用户设备发送符合所述组成方式的CG-DFI。本公开中,针对最大上行HARQ进程数量大于16的情况,设置相应的CG-DFI的组成方式,根据所述组成方式构建符合所述组成方式的CG-DFI,向用户设备101发送符合所述组成方式的CG-DFI,从而在最大上行HARQ进程数量大于16的应用场景下,使符合所述组成方式的CG-DFI体现最大上行HARQ进程数量对应的所有上行HARQ进程中全部或部分上行HARQ进程的HARQ-ACK信息。