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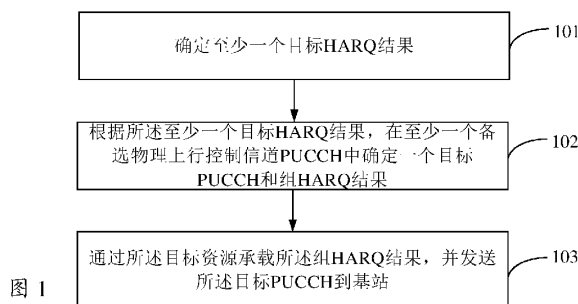
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- (81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, 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,

(54) Title: HYBRID AUTOMATIC REPEAT REQUEST (HARQ) FEEDBACK METHOD AND APPARATUS

(54) 发明名称: 混合自动重传请求 HARQ 反馈方法及装置



101 DETERMINE AT LEAST ONE TARGET HARQ RESULT
102 ACCORDING TO AT LEAST ONE TARGET HARQ RESULT, DETERMINE, IN AT LEAST ONE CANDIDATE PUCCH, TARGET PUCCH AND GROUP HARQ RESULT
103 CARRY HARQ RESULT BY MEANS OF TARGET PUCCH RESOURCE, AND SEND TARGET PUCCH TO BASE STATION

(57) Abstract: [240] The present disclosure provides a hybrid automatic repeat request (HARQ) feedback method and apparatus, said method comprising: determining at least one target HARQ result; the at least one target HARQ result is a HARQ result corresponding to each of at least one target physical downlink shared channel (PDSCH), and the at least one target PDSCH is at least one PDSCH, of all PDSCHs scheduled by a current physical downlink control channel (PDCCH), for which it is necessary to perform HARQ result feedback in the current subframe; according to the at least one target HARQ result, determining, in at least one candidate PUCCH, a target physical uplink control channel (PUCCH) and a group HARQ result; the target PUCCH is a PUCCH whose corresponding target PUCCH resource is used for carrying the group HARQ result, the group HARQ result and the target PUCCH resource being for characterizing a plurality of target HARQ results; carrying the HARQ result by means of the target PUCCH resource, and sending the target PUCCH to a base station. In the present disclosure, it is possible to feed back, by means of different subframes, all HARQ results in a TDD MTC system which correspond to all PDSCHs scheduled by a current PDCCH.

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SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG,
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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: [240]本公开提供一种混合自动重传请求HARQ反馈方法及装置, 其中, 所述方法包括: 确定至少一个目标HARQ结果; 至少一个目标HARQ结果是至少一个目标物理下行共享信道PDSCH所各自对应的HARQ结果, 至少一个目标PDSCH是由当前物理下行控制信道PDCCH所调度的所有PDSCH中需要在当前子帧进行HARQ结果反馈的至少一个PDSCH; 根据至少一个目标HARQ结果, 在至少一个备选物理上行控制信道PUCCH中确定一个目标PUCCH和组HARQ结果; 目标PUCCH是所对应的目标PUCCH资源用于承载组HARQ结果的PUCCH, 组HARQ结果和所述目标PUCCH资源用于表征多个目标HARQ结果; 通过目标PUCCH资源承载组HARQ结果, 并发送目标PUCCH到基站。本公开可以在TDD MTC系统中将当前PDCCH所调度的所有PDSCH所对应的HARQ结果通过不同子帧进行反馈。