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(54) Title: METHOD FOR MONITORING PDCCH, AND TERMINAL AND NETWORK DEVICE

(54) 发明名称: 用于监听PDCCH的方法、终端及网络设备

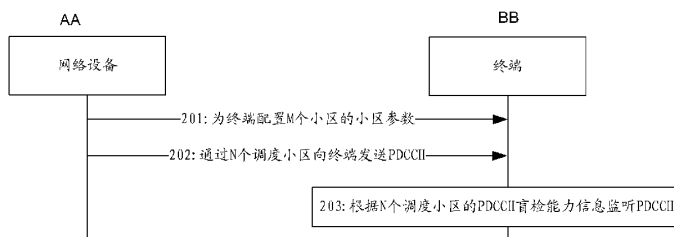


图 2

201 Configure cell parameters of M cells for a terminal
202 Send a PDCCH to the terminal by means of N scheduling cells
203 Monitor the PDCCH according to PDCCH blind detection capacity information of the N scheduling cells
AA Network device
BB Terminal

(57) Abstract: Provided are a method for monitoring a PDCCH, and a terminal and a network device, which relate to the technical field of communications and are used for solving the problem in the related art that since the maximum processing capacity of a UE for performing blind detection on a CC or a PDCCH of a cell during cross-carrier scheduling is not limited, a corresponding blind detection behavior cannot be rationally configured for the UE. The method comprises: monitoring a PDCCH according to PDCCH blind detection capacity information of N scheduling cells, wherein the N scheduling cells are cells from among M cells configured for a terminal by a network device, and the M cells further comprise: X scheduled cells; the PDCCH blind detection capacity information of the N scheduling cells is relevant to cell parameters of the M cells; the PDCCH blind detection capacity information of the N scheduling cells is used for indicating the maximum processing capacity of the terminal for performing blind detection on the PDCCH under each scheduling cell or the N scheduling cells within a unit time; and M and N are positive integers greater than or equal to 1, X is a positive integer greater than or equal to 0, and M is equal to N + X.

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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)。

本国际公布：

— 包括国际检索报告 (条约第21条(3))。

(57) 摘要：本发明实施例提供一种用于监听PDCCH的方法、终端及网络设备，涉及通信技术领域，用以解决相关技术由于未对跨载波调度过程中，UE对一个CC或小区的PDCCH进行盲检测的最大处理能力进行限定，而导致的无法合理的为UE配置相应的盲检行为的问题。该方法包括：根据N个调度小区的PDCCH盲检能力信息监听PDCCH；N个调度小区为网络设备为终端配置的M个小区中的小区，该M个小区还包括：X个被调度小区；N个调度小区的PDCCH盲检能力信息与M个小区的小区参数有关；N个调度小区的PDCCH盲检能力信息用于指示在单位时间内终端在每个调度小区或N个调度小区下对PDCCH进行盲检的最大处理能力；M、N为大于或等于1的正整数，X为大于或等于0的正整数， $M=N+X$ 。