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(54) Title: UPLINK CONTROL INFORMATION SENDING METHOD AND APPARATUS

(54) 发明名称: 上行控制信息发送方法和装置

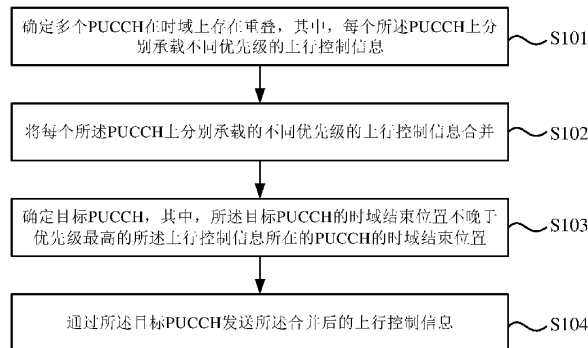


图 1

S101 DETERMINE THAT THE TIME DOMAINS OF A PLURALITY OF PUCCHS OVERLAP, THE PUCCHS RESPECTIVELY CARRYING UPLINK CONTROL INFORMATION WITH DIFFERENT PRIORITIES
S102 COMBINE THE UPLINK CONTROL INFORMATION WITH DIFFERENT PRIORITIES CARRIED BY THE PUCCHS RESPECTIVELY
S103 DETERMINE A TARGET PUCCH, THE ENDING POSITION OF THE TIME DOMAIN OF THE TARGET PUCCH BEING NOT LATER THAN THE ENDING POSITION OF THE TIME DOMAIN OF A PUCCH WHERE THE UPLINK CONTROL INFORMATION WITH THE HIGHEST PRIORITY IS LOCATED
S104 SEND THE COMBINED UPLINK CONTROL INFORMATION BY MEANS OF THE TARGET PUCCH

(57) Abstract: The present disclosure relates to an uplink control information sending method, comprising: determining that the time domains of a plurality of PUCCHs overlap, the PUCCHs respectively carrying uplink control information with different priorities; combining the uplink control information with different priorities carried by the PUCCHs respectively; determining a target PUCCH, the ending position of the time domain of the target PUCCH being not later than the ending position of the time domain of a PUCCH where the uplink control information with the highest priority is located; and sending the combined uplink control information by means

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of the target PUCCH. In the present disclosure, the time, when the combined uplink control information is sent by the target PUCCH, is not later than the time, when the uplink control information with the highest priority is sent by a PUCCH where the uplink control information with the highest priority is located, thereby ensuring that the sending of the uplink control information with the highest priority is not delayed.

(57) 摘要: 本公开涉及上行控制信息发送方法, 包括: 确定多个PUCCH在时域上存在重叠, 其中, 每个所述PUCCH分别承载不同优先级的上行控制信息; 将每个所述PUCCH分别承载的不同优先级的上行控制信息合并; 确定目标PUCCH, 其中, 所述目标PUCCH的时域结束位置不晚于优先级最高的所述上行控制信息所在的PUCCH的时域结束位置; 通过所述目标PUCCH发送合并后的上行控制信息。本公开通过目标PUCCH发送合并后的上行控制信息, 不会晚于通过优先级最高的上行控制信息所在的PUCCH发送优先级最高的上行控制信息, 从而确保优先级最高的上行控制信息不会被延迟发送。