

ABSTRACT

TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD,
AND INTEGRATED CIRCUIT

Aspects of the disclosure relate to a terminal device including a reception unit configured to receive a first set of information used for permitting simultaneous transmission of a CSI and a HARQ-ACK using PUCCH format (3), and receive a second
5 set of information used for permitting simultaneous transmission of a CSI and a HARQ-ACK using PUCCH format (4). The terminal device may also include a transmission unit for transmitting a HARQ-ACK and/or a CSI. Based at least on whether the first set of information, the second set of information, and the HARQ-ACK correspond to a PDSCH transmission on a secondary cell with a cell index less than or
10 equal to a first predetermined value or whether the HARQ-ACK corresponds to a PDSCH transmission on a secondary cell with a cell index greater than the first predetermined value, processing operations related to HARQ-ACK and/or CSI transmission may be executed.

FIG. 4