

ABSTRACT

**METHOD AND ARRANGEMENT FOR TRANSMISSION OF DATA IN A
MOBILE NETWORK**

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For transmission of data frames (F1, F3) between a first mobile network element (BTS1, BTS2, BTS3) and a second mobile network element (TRAU) in accordance with the ATM (Asynchronous Transfer Mode) protocol, data frames (F1, F3) of different channels are split up in subframes (SF11, SF12, SF13; SF31, 10 SF32, SF33), ordered and then embedded in respective minicells. Minicells (MC11, MC31) containing information of different channels are then combined into ATM cells (CELL) that are transferred between the first mobile network element (BTS1, BTS2, BTS3) and the second mobile network element (TRAU). In this way, transcoders in the second mobile network element (TRAU) can already 15 start decoding data frames of several channels after receipt of the most urgent data which is contained in the first ATM cells (CELL).

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