

ABSTRACT**Communication method in a wireless telecommunications network, associated computer program and wireless communication node**

The invention relates to a communication method comprising, during the transmission of a data block from a source node (50) to a destination node (52), the following steps:

- a node (51), having stored a set of segments of said block, selects a first adjacent node; determines an appropriate segment size for a transfer to the first adjacent node; reformats at least one segment from the set of segment(s) based on the determined segment size; and sends at least said reformatted segment to said first determined adjacent node; said method being characterized in that the node detects a modification of the links between said node and its adjacent nodes, and following that detection, selects a second adjacent node, stops the transmission to the first adjacent node of said set of segments stored before said detection, determines an updated appropriate segment size for a transfer to the second determined adjacent node, reformats at least one segment from the set of segment(s) not yet transmitted to the first adjacent node based on the updated size and transmits said at least one reformatted segment to said second adjacent node.

Figure 1