

## ABSTRACT

### Method for Transmission in a Multi-Destination Network

The invention relates to a method for transmission of messages from a sender node (12) to multiple destination nodes (14) in a network (10) in which:

The same message is sent from the sender node (12) to multiple destination nodes (14), and

- the destination node (14) of a message returns an acknowledgment message to the sender node (12) after receiving the message

it comprises a step of the distribution, by the sender node (12), of the destination nodes (14) into at least two groups of destination nodes according to a predetermined distribution criterion taking into account the to and fro travel time between the sending of the message and the receiving of the acknowledgment message from the destination node, and a step of sending of messages to destination nodes in the same group with a latency period between the sending of two successive messages to the same destination nodes of the same group, the latency periods, each specific to a group and defining the throughput rate of the group being different from one group to another.

Figure 1