

ABSTRACT

**METHOD AND ARRANGEMENT TO ESTIMATE TRANSMISSION
CHANNEL CHARACTERISTICS**

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A channel characteristic of a transmission channel (CHANNEL) between a remote terminal (RT) and a central office (CO) is estimated by collecting information in the remote terminal (RT), transferring this information from the remote terminal (RT) to the central office (CO) and matching the received
10 information at the central office (CO) with a channel and remote terminal simulation model. The values of parameters of the latter simulation model, which define the channel characteristic to be estimated, are determined as a result of the matching process. The information collected by the remote terminal (RT) typically is information that is automatically collected by the remote terminal (RT)
15 for operational purposes such as equaliser setting, bit allocation, and so on.

This Sheet Has Been Replaced

