

Title (en)  
METHOD FOR OPERATING A NETWORK

Title (de)  
VERFAHREN ZUM BETREIBEN EINES NETZWERKS

Title (fr)  
PROCÉDÉ POUR FAIRE FONCTIONNER UN RÉSEAU

Publication  
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Application  
**EP 21770210 A 20210902**

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Abstract (en)  
[origin: WO2022049173A1] The invention relates to a method for operating a network using at least one switch, at least two terminals, and a controller. The controller can transmit data to a terminal via an application protocol, and the data is transmitted within the security layer of the network via data packets as is normally the case in a conventional ethernet network. An additional addressing means is added (1) to the data packets within the security layer, and the switch transmits the transmission to the addressed terminal (2, 6) via the addressing means. The addressing means is then removed (3) from the data packets prior to the transmission to the addressed terminal. In this manner, a virtual automation network is produced within an ethernet network.

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