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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2023/0231812 A1**
(43) **Pub. Date:** **Jul. 20, 2023**(54) **METHOD FOR INTEGRATING INTERFACE DEVICES INTO A NETWORK**(52) **U.S. Cl.**
CPC **H04L 47/33** (2013.01)(71) Applicant: **Robert Bosch GmbH**, Stuttgart (DE)(57) **ABSTRACT**(72) Inventor: **Jens Bierschenk**, Stuttgart (DE)(21) Appl. No.: **18/151,032**(22) Filed: **Jan. 6, 2023**(30) **Foreign Application Priority Data**

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A method for integrating interface devices into a network, the network including at least one central software-based controller, which logically separates a data plane from a control plane using multiple interface devices. The method includes: a receiving of a first recognition message of the central controller at a terminal of an interface device; a checking of whether a previous recognition message has been received at another terminal of the interface device within a predefined time period prior to the receipt of the first recognition message; and a forwarding of the first recognition message to all network users connected to the interface device, if no previous recognition message has been received at another terminal within the predefined time period.

