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(54) **Title:** INTERFACE DEVICE FOR CONNECTING PROCESS CONTROLLERS TO OPC UA PEER DEVICES

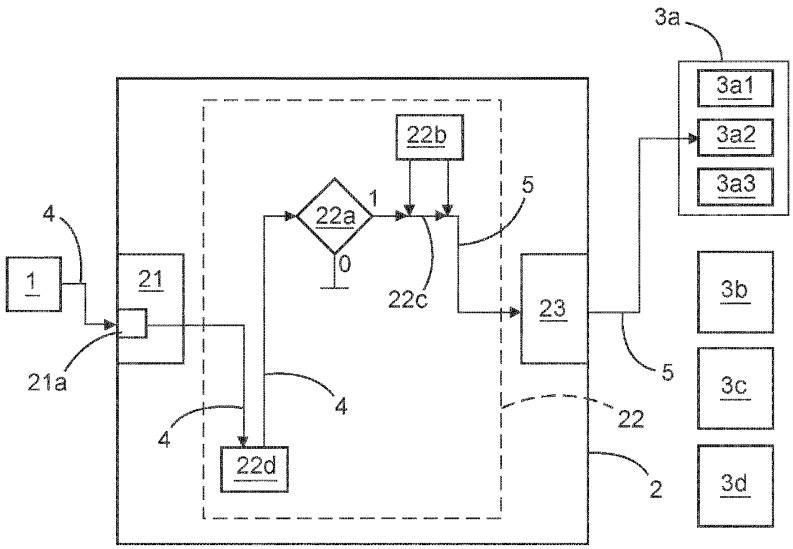

Fig. 1

(57) **Abstract:** An interface device (2) for connecting at least one process controller (1) to one or more peer devices (3a-3d), comprising: • a process controller interface (21) for bidirectional communication with the process controller (1); • a peer device interface (23) for bidirectional OPC UA communication with the peer devices (3a-3d); and • a logic unit (22) that is configured to: in response to one or more inputs (4) from the process controller (1), and/or from the one or more peer devices (3a-3d), meeting one or more predetermined conditions (22a), ○ determine one or more to-be-performed actions (22c) from the one or more inputs according to a predetermined logic (22b); ○ determine, according to the predetermined logic (22b), one or more outputs (5) which, when supplied to the process controller (1), and/or to the peer devices (3a-3d), cause the to-be-performed actions (22c) to be performed; and ○ supply these outputs (5) to the process controller (1), and/or to the one or more peer devices (3a-3d).

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