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Nieberlein et al.(10) **Pub. No.: US 2022/0369490 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **FLEXIBLY CONFIGURABLE CONVERTER
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ABSTRACT

A converter unit has a main printed circuit board (MPCB) on which at least one functional module is arranged. By the functional module, at least one AC voltage supplied to the functional module via first power connections of the functional module can be converted into at least two DC voltage potentials output via second power connections. The MPCB has conductor paths via which control signals can be supplied to control connections, and the MPCB has conductor paths which extend from a control unit to first and second control connections of the MPCB and via which the first and second control signals can be supplied to the first and second control connections. The functional module is at least mechanically connected to the MPCB at least in the region of the first and second control connections such that the functional module does not use the first and/or the second control signals.

