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(54) **INVERTER FOR AN ELECTRIC MACHINE**

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(57) **ABSTRACT**

An inverter includes a capacitive module and a first power module connected to the capacitive module by a first DC connection and includes a first AC connection arranged on an opposite side of the first power module. A second power module is connected to the capacitive module by a second DC connection and includes a second AC connection arranged on an opposite side of the second power module. The power modules are arranged on the same side of the capacitive module, on either side of a median plane of the capacitive module, the AC connections being closer to the median plane of the capacitive module than the DC connections.

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