



US 20240213857A1

(19) **United States**(12) **Patent Application Publication**
SAUER et al.(10) **Pub. No.: US 2024/0213857 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **INVERTER ARRANGEMENT FOR AN
ELECTRIC MACHINE, AND METHOD FOR
PROVIDING AN INVERTER
ARRANGEMENT**(52) **U.S. Cl.**
CPC **H02K 11/33** (2016.01); **H02K 5/225**
(2013.01); **H02K 2203/03** (2013.01)(71) Applicant: **SEG Automotive Germany GmbH,**
Stuttgart (DE)(57) **ABSTRACT**(72) Inventors: **Florian SAUER,** Stuttgart (DE);
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Dec. 23, 2022 (DE) 102022134760.5

Publication Classification(51) **Int. Cl.**
H02K 11/33 (2006.01)
H02K 5/22 (2006.01)

An inverter arrangement for an electric machine includes a housing having a housing opening, a circuit carrier, with electrical components, that is situated in the housing, and on a side facing the housing opening has two direct voltage terminals in the form of contact slots. A terminal element having a terminal element body, two plate-shaped terminal element contact bars, and two terminal element contact pins, one of each of the terminal element contact bars being electrically connected to one of the terminal element contact pins. The terminal element is fastened via the housing opening so that in each case one of the terminal element contact bars protrudes into one of the contact slots and is electrically connected to the contact slot via a solder connection, the terminal element contact pins being situated outside the housing.

