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DOPPLER et al.(10) **Pub. No.: US 2023/0231339 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **MODULAR PLUG CONNECTOR****Publication Classification**(71) Applicant: **Stäubli Electrical Connectors AG**,
Allschwil (CH)(72) Inventors: **Alexander DOPPLER**, Allschwil (CH);
Sylvestre KIRY, Leymen (FR)(73) Assignee: **Stäubli Electrical Connectors AG**,
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ABSTRACT

A modular plug connector having a holding frame having side walls which laterally delimit a receiving space, and at least one plug connector module which can be introduced into the receiving space. The side walls have a plurality of holding-frame-side guide elements and the at least one plug connector module has at least one plug-connector-module-side guide element. The at least one plug-connector-module-side guide element can be plugged into the holding-frame-side guide elements such that the plug connector module is positioned in the receiving space. The side walls have a latching structure and the plug connector module has at least one latching tongue which engages into the latching structure. The at least one plug connector module has at least one functional element with which functional element a functional contact to a functional element of a plug connector module of another plug connector can be established.

