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CASTAÑEDA MAÑÉ et al.(10) **Pub. No.: US 2022/0361359 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **POWER CONVERTING SYSTEM AND
BATTERY CHARGER WITH IMPROVED
THERMAL DISSIPATION**(30) **Foreign Application Priority Data**

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Madrid (ES)(57) **ABSTRACT**

A power converting system including a power converter device, a housing, and a thermally conductive filler. The housing encloses the power converter device and the thermally conductive filler. The thermally conductive filler surrounds the power converter device and fills at least in part a space between the power converter device and at least a part of an internal surface of the housing. The embodiments further refers to a battery charger including such a power converting system.

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