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An et al.(10) **Pub. No.: US 2024/0215194 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **EMC FILTER DEVICE HAVING A
LAMINATED CONDUCTOR STRUCTURE;
AND POWER ELECTRONICS MODULE**(30) **Foreign Application Priority Data**

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KG, Herzogenaurach (DE)**(57) **ABSTRACT**(21) Appl. No.: **18/287,298**(22) PCT Filed: **Apr. 29, 2022**(86) PCT No.: **PCT/DE2022/100319**

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An EMC filter device for power electronics of an electric machine includes an electric conductor structure, a capacitor coupled to the conductor structure, and an inductor that cooperates with the conductor structure. The conductor structure has at least two separate conducting layers that are insulated from one another.

