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**HAGENAAR et al.**(10) **Pub. No.: US 2022/0377899 A1**(43) **Pub. Date: Nov. 24, 2022**(54) **CAPACITOR ASSEMBLY****Publication Classification**(71) Applicant: **PRODRIVE TECHNOLOGIES**  
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Capacitor assembly, comprising a printed circuit board comprising a first conductive trace and a second conductive trace, and a first row of capacitors comprising a plurality of surface mounted capacitor elements. Each of the plurality of surface mounted capacitor elements comprises a pair of outer electrodes, one of the pair being mounted to the first conductive trace and defining a first junction, and the other one being mounted to the second conductive trace defining a second junction. The first junction and the second junction define a first capacitor longitudinal axis. The first conductive trace has a first current flow direction with a first oblique angle relative to the first capacitor longitudinal axis.

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