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(54) **OIL-COOLED RECTIFIER DIODE
ASSEMBLY**

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(57) **ABSTRACT**

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A liquid-cooled rectifier assembly includes first and second bus bars, each having at least one cooling channel formed therein, which are adapted and configured to carry a cooling fluid therethrough, and a first power diode array arranged between and in contact with the first and second bus bars. A third bus bar can be provided, along with a second power diode array.

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