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(54) Title: CATHODE COLLECTOR STRUCTURES FOR MOLTEN CARBONATE FUEL CELL

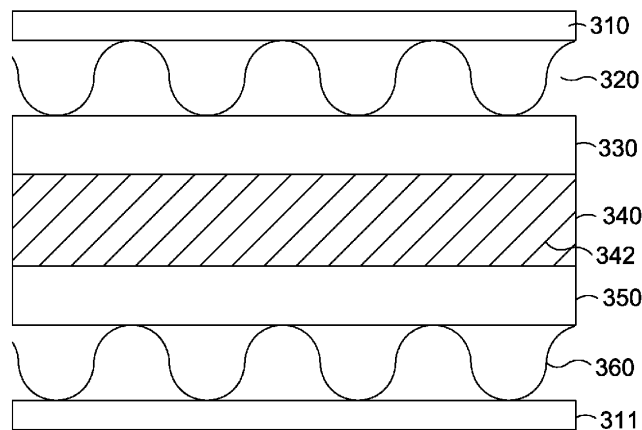


FIG. 9.

(57) Abstract: Cathode collector structures and/or corresponding cathode structures are provided that can allow for improved operation for a molten carbonate fuel cell when operated under conditions for elevated CO₂ utilization. A cathode collector structure that provides an increased open area at the cathode surface can reduce or minimize the amount of alternative ion transport that occurs within the fuel cell. Additionally or alternately, grooves in the cathode surface can be used to increase the open area.

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