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(54) **CONTROLLING REVERSE IN-RUSH CURRENT FOR VEHICLE CHARGERS**

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(57) **ABSTRACT**
Controlling reverse in-rush current for vehicle chargers is provided. A system can include a controller to determine a first value of voltage. The voltage can be of or associated with a DC link of a charger to output power to a battery of an electric vehicle. The controller can detect an in-rush current from the battery to the charger. The detection can be responsive to the first value of voltage at the DC link being greater than a reference value of voltage established for the DC link.

