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(54) **PREEMPTIVE OPTIMIZATION FOR  
OFFBOARD DISTRIBUTION OF  
ELECTRICAL POWER FROM A VEHICLE**

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(71) Applicant: **GM GLOBAL TECHNOLOGY  
OPERATIONS LLC**, Detroit, MI (US)

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(72) Inventors: **Patricia M. Laskowsky**, Ann Arbor,  
MI (US); **Aniket P. Kothari**, Rochester  
Hills, MI (US); **Bridget A. Beaton**,  
Novi, MI (US); **James Reilly**, Castle  
Rock, CO (US); **James C. Gibbs**,  
Brighton, MI (US); **Christopher Rowe**,  
Hartland, MI (US)

(73) Assignee: **GM GLOBAL TECHNOLOGY  
OPERATIONS LLC**, Detroit, MI (US)

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(57) **ABSTRACT**

A preemptive optimization of a power distribution event associated with providing an electrical power from a battery onboard a vehicle to a charging station offboard the vehicle. The preemptive optimization may include preemptively charging the battery in advance of the power distribution event and/or preemptively configuring the vehicle and the battery, such as with establishment of standby session, to provide electrical power from the battery to the charging station without providing the electrical power to the charging station until the charging station thereafter experiences an outage, interrupt, etc.

