

ABSTRACT

“A MOBILE ELECTRICAL HYBRID POWER SOURCE SYSTEM”

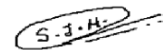
Embodiments of the present disclosure may include a mobile electrical hybrid power source system, including a plurality of power modules, each configured as an AC/DC
5 or DC/AC converter with plug-and-play functionality, allowing for the connection of up to nine units in parallel to scale output power. Embodiments may also include an energy storage system including up to fifteen detachable units, each capable of operating independently and supporting advanced battery chemistries, including lithium iron phosphate (LFP) and lithium iron (Li-Iron). Embodiments may also include
10 synchronization means for integrating the power modules with renewable energy sources and up to nine diesel generators, enabling balanced power distribution and optimized energy management.

(ABSTRACT TO BE PUBLISHED WITH FIG.1)

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ON BEHALF OF APPLICANT

Signature:



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