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EXTRAVEHICULAR MOBILITY UNIT****Publication Classification**(71) Applicant: **Hamilton Sundstrand Corporation**,
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(US)(57) **ABSTRACT**

An extravehicular mobility unit (EMU) includes a resonant coil on a surface of the EMU to be coupled to a second resonant coil affixed to a structure via a resonant magnetic field. The EMU also includes a receiver in the EMU coupled to the resonant coil to provide a direct current (DC) voltage based on the resonant magnetic field. A battery in the EMU is charged based on the DC voltage.

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