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(54) **RANGE EXTENSION SYSTEM**

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ABSTRACT

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The invention provides a range extension system including a range extension assembly, a fuel supply unit, and a second fuel storage device. The range extension assembly has a first fuel input portion and a second fuel input portion. The first fuel input portion is configured to receive a first fuel source. The second fuel input portion is configured to receive a second fuel source different from the first fuel source. The second fuel source and the first fuel source are mixed in the range extension assembly to generate an electrical output. The fuel supply unit is configured to provide the first fuel source to the first fuel input portion. The second fuel storage device is configured to store and provide the second fuel source to the second fuel input portion.

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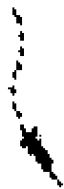
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