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(54) **PIGGYBACK FORKLIFT TRUCK AND METHOD OF OPERATING SAME**

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See application file for complete search history.

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(57) **ABSTRACT**

This invention relates to a piggyback forklift truck and a method of operating same. The piggyback forklift truck comprises a motive power unit which includes an electric motor, a rechargeable battery pack powering the electric motor, a battery pack charging unit, a first electricity power supply connector in electrical communication with the battery pack charging unit, a DC/AC converter in electrical communication with the battery pack charging unit, and a second electricity power supply connector in electrical communication with the DC/AC converter, the second electricity power supply being arranged for reception of an electrical power take off feed from a carrying vehicle. In this way, the piggyback forklift truck can be charged by the mains supply when the carrying vehicle is not in transit and can be trickle charged while the carrying vehicle is in transit. This will maximize the operating time of the electrically powered piggyback forklift truck while it is making deliveries to customers.

**21 Claims, 4 Drawing Sheets**

