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(54) **MICROINVERTERS FOR EMPLOYMENT IN CONNECTION WITH PHOTOVOLTAIC MODULES**

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CPC **H02M 7/537** (2013.01)

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See application file for complete search history.

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(57) **ABSTRACT**

Microinverters useable in association with photovoltaic modules are described. A three phase-microinverter receives direct current output generated by a microsystems-enabled photovoltaic cell and converts such direct current output into three-phase alternating current out. The three-phase microinverter is interleaved with other three-phase-microinverters, wherein such microinverters are integrated in a photovoltaic module with the microsystems-enabled photovoltaic cell.

20 Claims, 7 Drawing Sheets

