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(54) **CUSTOMIZABLE OVERCURRENT PROTECTION ASSISTANT**

(71) Applicant: **Joseph M. DeLapa, II**, Proctorville, OH (US)

(72) Inventor: **Joseph M. DeLapa, II**, Proctorville, OH (US)

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(57) **ABSTRACT**

The present invention pertains to a method and apparatus, disclosed for assisting a user with configuring an integrated circuit devised to facilitate the generation of customizable solar energy generation systems. Responsive to the user utilizing a user interface (UI) by specifying inputs, the UI identifies requirements for load requirements and offer customizable module recommendations. The UI incorporates graphical representations, interactive elements, tooltips, hyperlinked terms, language localization, and augmented reality/virtual reality features, aimed at elucidating intricate solar energy system-related concepts.

