



藉由應變提升電池效率的結構與方法

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市場及需求：

太陽能電池產業

技術摘要(含成果)：

The present invention relates to a structure and a method of the solar cell efficiency improvement. In particular, the present invention relates to a structure and a method of the solar cell efficiency improvement by the strain technology.

優勢：

The photoelectric conversion efficiency of the solar cell of the present invention can be effectively improved by implementing the stress to generate strain on the solar cell. Furthermore, the present invention can be easily integrated with the manufacturing process. All manufacturing processes of the original solar cell will be reserved if the mechanical structure or the fabrication is utilized to be the method for generating strain. The present invention further has advantage of low cost. The required cost will be extremely low if the mechanical structure or the fabrication is utilized to be the method for generating strain.

競爭產品：

專利現況：

(1)本技術已有相關專利(美國專利證號: US 8,664,516 B2)。

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