PHOTOVOLTAIC PANEL

TECHNOLOGY DESCRIPCTION

New photovoltaic panel of the type comprising a plurality of photovoltaic cells, but with the novelty of comprising at least one energy storage element arranged on the solar panel itself, unlike conventional panels in which a storage is performed centralized and there is no panel to incorporate energy storage, which is a great advantage to allow the energy stored in the panel itself, which also provides greater stability.

APLICATION BUSINESS SECTORS

The panel described may find application mainly in the renewables industry. It also can be applied in any industry to telecommunications and signaling devices isolated, electrification, pumping system, transportation, building integration, networking, etc ...

TECHNICAL ADVANTAGES AND BUSINESS BENEFITS

- Prevents power losses occur
- Has own energy storage
- The energy storage element has a density equal to the PV panel geometry, so that integration is allowed in the photovoltaic panel or photovoltaic panel located as an annex element discrete

CURRENT STATE OF THE TECHNOLOGY

The invention has been successfully tested.

INTELLECTUAL PROPERTY RIGHTS

The technology comes from research conducted through a project and belongs to the Institute for Energy Technology.

The technology is protected by patent “Panel fotovoltaico”, ES2397471.

COLLABORAIION SOUGHT

Companies interested in the following forms of cooperation:

- Agreement patent license for implementation and use of technology.
- Agreement for the development of the R & D (TC) to complete the development of technology, or application to other sectors.

RELATED IMAGES

CONTACT DATA

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