

Title (en)
SOLAR ENERGY HARVESTING SYSTEM

Title (de)
SYSTEM ZUR GEWINNUNG VON SOLARENERGIE

Title (fr)
SYSTÈME D'ACCUMULATION D'ÉNERGIE SOLAIRE

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Application
EP 16719233 A 20160411

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Abstract (en)
[origin: WO2016166041A1] The present invention concerns a solar harvesting platform (1). The solar harvesting platform (1) is designed to float on a liquid reservoir. The solar harvesting platform (1) includes: a cover (10), the cover (10) being made from a sheet-like material; a skirt, the skirt (11) projecting, in an operational state, from a bottom side of a cover periphery and immersing into the liquid of the liquid reservoir; wherein the bottom side of the cover (10), the liquid surface of the liquid reservoir and the skirt (11) serve as delimiting surfaces of a gastight enclosed volume; a solar harvesting arrangement (14), the solar harvesting arrangement (14) being arranged at a top side of the cover (10) and being fixed to the cover or being integrated into the cover. The solar harvesting platform (1) is designed to be reversibly deformed under influence of an external force. The Invention further concerns a solar harvesting cluster with a plurality of solar harvesting platforms and a method of operating a solar harvesting platform.

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