

Title (en)
METHOD FOR CHARACTERISING A ZONE OF LAND INTENDED FOR THE INSTALLATION OF PHOTOVOLTAIC PANELS

Title (de)
VERFAHREN ZUR CHARAKTERISIERUNG EINER LANDZONE ZUR INSTALLATION VON FOTOVOLTAISCHEN PANEELN

Title (fr)
PROCÉDÉ DE CARACTÉRISATION D'UNE ZONE D'UN TERRITOIRE DESTINÉE À L'INSTALLATION DE PANNEAUX PHOTOVOLTAÏQUES

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Abstract (en)
[origin: WO2022268989A1] The present invention relates to a method for characterising a zone of land, referred to as the target zone (Zc), intended for the installation of photovoltaic panels, the method comprising: a. receiving a bird's eye image (IM) of a target zone (Zc), b. detecting, in the image (IM), a shadow cast (Op) over the target zone (Zc) originating from an obstacle (O), c. determining a dimension, referred to as the main dimension, of the detected cast shadow (Op), d. determining the position of the sun during the acquisition of the image (IM) on the basis of characteristics relating to the image (IM), e. determining the height of the obstacle (O) on the basis of the main dimension and the determined position of the sun, and f. characterising the target zone (Zc) on the basis of the height determined for the obstacle (O).

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