

Title (en)
HYBRID ELECTRICITY GENERATION WITH SOLAR CONCENTRATING AND WIND POWER

Title (de)
HYBRIDE STROMERZEUGUNG MIT SOLARKONZENTRATION UND WINDKRAFT

Title (fr)
PRODUCTION D'ÉLECTRICITÉ HYBRIDE À CONCENTRATION SOLAIRE ET ÉNERGIE ÉOLIENNE

Publication
EP 4007849 A1 20220608 (EN)

Application
EP 21842646 A 20210607

Priority
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• TR 2021050548 W 20210607

Abstract (en)
[origin: WO2022015270A1] A generator (1) concentrating the sun rays in the focus (3) with the reflective surface (2) or generating electricity in the focus (3) with at least one energy converter and able to work the wind power and solar power together, independently or in support of each other with the help of wind evacuation gap between the reflective surface (2) or steps (4), wherein the generator (1) comprises at least one reflective surface (2), at least one energy converter in the focus (3) of the reflective surfaces (2), the dish (7) created by adding at least one curved blade (5) to the gaps formed between the reflective surfaces (2) or by stepping (4), a swing bearing (8) enabling the dish (7) to rotate independently, at least one wind alternator (11) connected to the swing bearing (8), a dish carrier (9) with tracking system which positions the dish (7) to the sun and wind.

IPC 8 full level
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