

Title (en)  
ELECTRICITY GENERATING MODULE

Title (de)  
STROMERZEUGUNGSMODUL

Title (fr)  
MODULE DE PRODUCTION D'ÉLECTRICITÉ

Publication  
**EP 4208943 A1 20230712 (FR)**

Application  
**EP 21778176 A 20210903**

Priority  
• FR 2008943 A 20200903  
• FR 2021051513 W 20210903

Abstract (en)  
[origin: WO2022049349A1] Disclosed is a module for generating electricity comprising at least one photovoltaic panel (P), characterised in that it further comprises scaring means (E) for chasing away animals, and in particular birds, and detection means (D) capable of detecting the presence of animals that are close to or on the photovoltaic panel (P), the detection means (D), in the presence of an animal, delivering a presence signal capable of triggering the scaring means (E).

IPC 8 full level  
**H02S 10/12** (2014.01); **A01M 29/32** (2011.01); **A01M 31/00** (2006.01); **H02S 20/20** (2014.01); **H02S 40/10** (2014.01); **H02S 40/38** (2014.01)

CPC (source: EP IL KR US)  
**A01M 29/16** (2013.01 - US); **A01M 29/22** (2013.01 - US); **A01M 29/26** (2013.01 - US); **A01M 29/32** (2013.01 - EP IL KR); **A01M 31/002** (2013.01 - EP IL KR); **H02J 7/35** (2013.01 - US); **H02S 10/12** (2014.12 - EP IL KR US); **H02S 20/20** (2014.12 - EP IL KR); **H02S 40/10** (2014.12 - EP IL KR); **H02S 40/38** (2014.12 - EP IL KR); **H02S 50/00** (2013.01 - KR); **H02J 2300/24** (2020.01 - US); **H02J 2300/28** (2020.01 - US); **H02S 20/23** (2014.12 - US); **Y02B 10/10** (2013.01 - EP IL KR); **Y02B 10/30** (2013.01 - EP IL KR); **Y02E 10/50** (2013.01 - EP); **Y02E 10/52** (2013.01 - EP IL KR); **Y02E 70/30** (2013.01 - EP IL KR)

Citation (search report)  
See references of WO 2022049349A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**FR 3113780 A1 20220304**; CN 116114169 A 20230512; EP 4208943 A1 20230712; IL 300873 A 20230401; JP 2023540696 A 20230926; KR 20230061497 A 20230508; US 2023246583 A1 20230803; WO 2022049349 A1 20220310

DOCDB simple family (application)  
**FR 2008943 A 20200903**; CN 202180054216 A 20210903; EP 21778176 A 20210903; FR 2021051513 W 20210903; IL 30087323 A 20230222; JP 2023513434 A 20210903; KR 20237011331 A 20210903; US 202118024435 A 20210903