

Title (en)
ELECTRICAL-POWER GENERATING MODULE

Title (de)
STROMERZEUGUNGSMODUL

Title (fr)
MODULE DE PRODUCTION D'ÉLECTRICITÉ

Publication
EP 3991292 A1 20220504 (FR)

Application
EP 19813077 A 20191021

Priority
• FR 1906875 A 20190625
• FR 2019052492 W 20191021

Abstract (en)
[origin: WO2020260775A1] Electrical-power generating module, characterized in that it comprises at least one wind turbine (E) having blades (E1) forming blade tips (E11) and at least one photovoltaic surface (P) comprising an undulating rigid structure (S) covered with flexible photovoltaic panels (F), the wind turbine (E) being disposed above the flexible photovoltaic panels (F) with the blade tips (E11) passing close to the flexible photovoltaic panels (F) in order to deter birds and clean the flexible photovoltaic panels (F).

IPC 8 full level
H02S 10/12 (2014.01); **H02S 10/40** (2014.01); **H02S 20/10** (2014.01); **H02S 20/30** (2014.01); **H02S 30/10** (2014.01); **H02S 40/10** (2014.01); **H02S 40/38** (2014.01)

CPC (source: EP IL US)
B60L 53/31 (2019.01 - US); **H02S 10/12** (2014.12 - EP IL US); **H02S 10/20** (2014.12 - US); **H02S 10/40** (2014.12 - EP IL); **H02S 20/10** (2014.12 - EP IL US); **H02S 20/30** (2014.12 - EP IL); **H02S 30/10** (2014.12 - EP IL); **H02S 30/20** (2014.12 - US); **H02S 40/10** (2014.12 - EP IL US); **H02S 40/38** (2014.12 - EP IL)

Citation (search report)
See references of WO 2020260775A1

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

DOCDB simple family (publication)
FR 3098064 A1 20210101; **FR 3098064 B1 20211015**; CN 114128133 A 20220301; EP 3991292 A1 20220504; IL 289308 A 20220201; JP 2022537835 A 20220830; JP 7499794 B2 20240614; US 2022321052 A1 20221006; WO 2020260775 A1 20201230

DOCDB simple family (application)
FR 1906875 A 20190625; CN 201980098533 A 20191021; EP 19813077 A 20191021; FR 2019052492 W 20191021; IL 28930821 A 20211223; JP 2021576756 A 20191021; US 201917597052 A 20191021