



(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 72

(51) Int Cl.:
H02N 3/00 (2006.01) **H02N 2/18 (2006.01)**

(48) Corrigendum issued on:
17.02.2016 Bulletin 2016/07

(43) Date of publication:
24.06.2015 Bulletin 2015/26

(21) Application number: **13199094.7**

(22) Date of filing: **20.12.2013**

(84) Designated Contracting States:
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 States:
BA ME

- **Elefsiniotis, Alexandros**
81375 München (DE)
- **Schmid, Ulrich**
1140 Wien (AT)

(71) Applicant: **Airbus Defence and Space GmbH**
85521 Ottobrunn (DE)

(74) Representative: **Flügel Preissner Schober Seidel**
Patentanwälte PartG mbB
Nymphenburger Strasse 20a
80335 München (DE)

(72) Inventors:
• **Becker, Thomas**
27711 Osterholz-Scharmbeck (DE)

(54) **Resonant energy harvester and an aircraft comprising the resonant energy harvester**

(57) An energy harvester (18), in particular for an aircraft (10), comprises a first portion (20), a movable element (21), and a kinetic-to-electric-energy-converter (23). The first portion (20) includes a charge collecting device (26) having an electrical permittivity different to the one of air. The charge collecting device (26) is configured to be exposed to an air flow. The movable element (21) is configured to be driven by the charge of the charge collecting device (26), and the kinetic-to-electric-energy-converter (23) is configured to generate energy by the movement of the movable element (21).

