

Title (en)
SELF-SUPPLIED MULTIFUNCTIONAL DIGITAL PARASOL

Title (de)
SELBSTVERSORGENDER MULTIFUNKTIONALER DIGITALER SONNENSCHIRM

Title (fr)
PARASOL NUMÉRIQUE PARASOL MULTIFONCTIONNEL AUTO-ALIMENTÉ

Publication
EP 4082380 A1 20221102 (EN)

Application
EP 22382396 A 20220426

Priority
ES 202130851 U 20210427

Abstract (en)
Self-supplied multifunctional digital parasol that consists of a pole (5), a laminated roof (1) with a fabric that incorporates photovoltaic units (32) with capacity to generate and accumulate energy and arranged in a folding support structure (3) and means for conducting the energy generated to an autonomous electric power generation unit (34) located on the pole (5) and which self-supplies electricity to electric/electronic power units of services to the parasol. The pole (5) consists of an upper compartment (14), a central compartment (33), a lower compartment (11) and a spire (6) located on the higher part of the pole (5) and equipped with an inner pole (15) movable by an opening and closing mechanism. The opening and closing mechanism consists of radial straps (4) that are articulated with rods (38), to a mobile core (31) arranged on the end of the inner pole (15).

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
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Designated contracting state (EPC)
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