Title (en)

FABRIC GENERATING ELECTRIC CURRENT FROM SUNLIGHT AND SUPPORT FOR SAME

Title (de)

TUCH MIT SOLARZELLEN UND TRAGVORRICHTUNG FÜR EIN SOLCHES TUCH

Title (fr)

TOILE PHOTOGENERATRICE ET SUPPORT POUR UNE TELLE TOILE

Publication

EP 1379740 A1 20040114 (FR)

Application

EP 02727665 A 20020417

Priority

- FR 0201316 W 20020417
- FR 0105176 A 20010417

Abstract (en)

[origin: US2004055633A1] A device intended to be used as a shade, awning, blind and swimming pool cover includes a photocurrent-generating fabric and a support for winding and storing the fabric. The support is formed by an axisymetric tube of regular polygonal cross-section around the periphery of which the fabric is wound. The photo current-generating fabric includes a layer of interconnected photovoltaic cells.

IPC 1-7

E04F 19/00

IPC 8 full level

E04H 4/06 (2006.01); **E04F 10/02** (2006.01); **E04F 10/06** (2006.01); **E04H 4/10** (2006.01); **E04H 15/54** (2006.01); **E06B 9/08** (2006.01); **E06B 9/42** (2006.01); **H01L 31/04** (2006.01); **H01L 31/042** (2006.01); **H02S 30/20** (2014.01)

CPC (source: EP KR US)

E04F 10/00 (2013.01 - KR); **E04F 10/06** (2013.01 - EP US); **E04H 4/101** (2013.01 - EP US); **E06B 9/24** (2013.01 - KR); **H01L 31/04** (2013.01 - KR); **H02S 30/20** (2014.12 - EP US); Y02B 10/10 (2013.01 - EP); Y02E 10/50 (2013.01 - EP); Y10S 136/291 (2013.01 - EP US); Y10S 160/904 (2013.01 - EP US)

Citation (search report)

See references of WO 02084044A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2004055633 A1 20040325; **US 6812397 B2 20041102**; CA 2443783 A1 20021024; EP 1379740 A1 20040114; FR 2823527 A1 20021018; FR 2823527 B1 20031212; IL 158043 A0 20040328; JP 2004523681 A 20040805; KR 20030095398 A 20031218; MX PA03009433 A 20040212; WO 02084044 A1 20021024; ZA 200307415 B 20040923

DOCDB simple family (application)

US 67214103 A 20030926; CA 2443783 A 20020417; EP 02727665 A 20020417; FR 0105176 A 20010417; FR 0201316 W 20020417; IL 15804302 A 20020417; JP 2002581771 A 20020417; KR 20037013546 A 20031016; MX PA03009433 A 20020417; ZA 200307415 A 20030923