

Title (en)

SEGMENTED STRUCTURE, PARTICULARLY FOR SATELLITE ANTENNA REFLECTOR, PROVIDED WITH AT LEAST ONE STRIP-COMPRISING UNFURLING DEVICE

Title (de)

SEGMENTIERTE STRUKTUR, INSBESONDERE FÜR EINEN SATELLITENANTENNENREFLEKTOR, MIT WENIGSTENS EINEM STREIFEN MIT EINER ABROLLVORRICHTUNG

Title (fr)

STRUCTURE SEGMENTÉE, EN PARTICULIER POUR RÉFLECTEUR D'ANTENNE DE SATELLITE. POURVUE D'AU MOINS UN DISPOSITIF DE DÉPLOIEMENT À RUBAN

Publication

**EP 3084883 A1 20161026 (FR)**

Application

**EP 14824037 A 20141210**

Priority

- FR 1302971 A 20131217
- FR 2014000267 W 20141210

Abstract (en)

[origin: WO2015092160A1] A segmented structure (1) comprising at least two panels (2, 3, 4), one panel (2) referred to as a main panel and at least one panel (3, 4) referred to as a secondary panel, together with at least one unfurling device (5) able to bring a secondary panel (3, 4) into a storage position or into an unfurled position (P2), the unfurling device (5) comprising at least one strip (6) fixed to the secondary panel (3, 4) and connected to the main panel (2), the strip (6) being elastically preloaded into the storage position thereof so as to unfurl automatically and autonomously when relative movement between the secondary panel (3, 4) and the main panel (2) becomes possible, so as to move the secondary panel (3, 4).

IPC 8 full level

**H01Q 15/16** (2006.01); **H01Q 1/28** (2006.01); **H01Q 15/20** (2006.01)

CPC (source: EP US)

**H01Q 1/288** (2013.01 - EP US); **H01Q 15/16** (2013.01 - US); **H01Q 15/162** (2013.01 - EP US); **H01Q 15/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2015092160A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**FR 3015131 A1 20150619; FR 3015131 B1 20170519**; CA 2931214 A1 20150625; EP 3084883 A1 20161026; US 2016315393 A1 20161027; US 9825371 B2 20171121; WO 2015092160 A1 20150625

DOCDB simple family (application)

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