

Title (en)

SEGMENTED STRUCTURE, IN PARTICULAR FOR A SATELLITE ANTENNA REFLECTOR, PROVIDED WITH AT LEAST ONE ROTATIONAL AND TRANSLATIONAL DEPLOYMENT DEVICE

Title (de)

SEGMENTIERTE STRUKTUR, INSBESONDERE FÜR EINEN SATELLITENANTENNENREFLEKTOR, MIT MINDESTENS EINER DREHBAREN UND MINDESTENS EINER ÜBERGREIFENDEN EINSATZVORRICHTUNG

Title (fr)

STRUCTURE SEGMENTÉE, EN PARTICULIER POUR RÉFLECTEUR D'ANTENNE DE SATELLITE, POURVUE D'AU MOINS UN DISPOSITIF DE DÉPLOIEMENT À ROTATION ET TRANSLATION

Publication

**EP 3089913 A1 20161109 (FR)**

Application

**EP 14824038 A 20141210**

Priority

- FR 1303110 A 20131230
- FR 2014000268 W 20141210

Abstract (en)

[origin: WO2015101723A1] The segmented structure (1) comprises at least two panels (2, 3, 4), a first panel (2) referred to as main panel and a second panel (3, 4) referred to as secondary panel, and also at least one deployment device (5), the deployment device (5) having a connecting arm (6) secured to the rear face (3B, 4B) of the secondary panel (3, 4) and connected to the rear face (2B) of the main panel (2), and a movement system (8) comprising a rotation unit that is able to generate a rotation of the connecting arm (6) about a reference axis, and a translation unit that is able to generate a movement of the connecting arm (6) in translation along this reference axis, so as to be able to bring the secondary panel (3, 4) into a stowed position (P1) or into a deployed position.

IPC 8 full level

**B64G 1/22** (2006.01); **B64G 1/44** (2006.01); **B64G 1/66** (2006.01); **H01Q 1/28** (2006.01); **H01Q 15/16** (2006.01)

CPC (source: EP US)

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Designated extension state (EPC)

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