

Title (en)  
SEGMENTED STRUCTURE IN PARTICULAR FOR ANTENNA REFLECTORS OF SATELLITES

Title (de)  
SEGMENTIERTE STRUKTUR INSBESONDERE FÜR ANTENNENREFLEKTOREN VON SATELLITEN

Title (fr)  
STRUCTURE SEGMENTÉE, EN PARTICULIER POUR RÉFLECTEUR D'ANTENNE DE SATELLITE

Publication  
**EP 3050158 B1 20210331 (FR)**

Application  
**EP 14784266 A 20140911**

Priority  
• FR 1302234 A 20130926  
• FR 2014000206 W 20140911

Abstract (en)  
[origin: CA2923480A1] The segmented structure (1) comprises at least two panels (2, 3, 4), a first panel (2), called the main panel, and a second panel (3, 4), called the secondary panel, and at least one deployment device (5) able to bring an associated secondary panel (3, 4) into a storage position (P1) or a deployed position (P2), said deployment device (5) comprising a translation system (6) having an assembly with articulated arms, said translation system (6) being able to generate a movement of the secondary panel (3) in translation in relation to the main panel (2), and being connected to the secondary panel (3) by an outer end (6A), and a rotation system able to generate a rotation of the translation system (6) and of the secondary panel (3, 4) connected to the translation system (6), in relation to the main panel (2).

IPC 8 full level  
**H01Q 1/28** (2006.01); **H01Q 15/16** (2006.01)

CPC (source: EP US)  
**H01Q 1/288** (2013.01 - EP US); **H01Q 15/161** (2013.01 - US); **H01Q 15/162** (2013.01 - EP US)

Designated contracting state (EPC)  
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

DOCDB simple family (publication)  
**FR 3011133 A1 20150327; FR 3011133 B1 20180302**; CA 2923480 A1 20150402; EP 3050158 A1 20160803; EP 3050158 B1 20210331; US 10135151 B2 20181120; US 2016226135 A1 20160804; WO 2015044535 A1 20150402

DOCDB simple family (application)  
**FR 1302234 A 20130926**; CA 2923480 A 20140911; EP 14784266 A 20140911; FR 2014000206 W 20140911; US 201415022065 A 20140911