

Title (en)  
FLAT ANTENNA FOR SATELLITE COMMUNICATION

Title (de)  
FLACHANTENNE ZUR SATELLITENKOMMUNIKATION

Title (fr)  
ANTENNE PLATE DE TELECOMMUNICATION PAR SATELLITE

Publication  
**EP 3155689 A1 20170419 (FR)**

Application  
**EP 15728822 A 20150608**

Priority  
• FR 1455391 A 20140613  
• EP 2015062681 W 20150608

Abstract (en)  
[origin: WO2015189134A1] The present invention relates to a flat antenna (10) for satellite communication comprising a radiating plate (16) comprising at least one radiating line (17), and an adaptation means (11) suitable for modifying the delay of the fields transmitted or received by the at least one radiating line (17), said adaptation means comprising a horn (12) mobile in rotation between the two metal plates (13a, 13b) containing a sensor array, and at least one coaxial cable (8) connected between at least one sensor of the network (14) and the at least one radiating line (17), the length of the at least one coaxial cable (8) being suitable for introducing a delay required for focusing the wave radiated by the radiating line (17).

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**H01Q 9/0407** (2013.01 - US); **H01Q 15/14** (2013.01 - US); **H01Q 21/061** (2013.01 - EP US)

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