

Title (en)
UNFOLDABLE ANTENNA WITH TWO REFLECTING SURFACES

Publication
EP 0290969 A3 19900328 (EN)

Application
EP 88107264 A 19880506

Priority
IT 4794687 A 19870515

Abstract (en)
[origin: EP0290969A2] Antenna consisting of a main reflecting surface (1), a sub reflector (2) and an unfolding device of the secondary surface, made up of the following primary parts: a motor (3); a supporting structure (4) for the sub-reflector and a telescopic positioning rod (5). The antenna, so configured, minimizes space occupancy problems during the launch phase of satellites for space applications and during transportation, for ground applications, yet assuring that correct positioning of the reflecting surfaces takes place during operation.

IPC 1-7
H01Q 15/16; **H01Q 19/19**

IPC 8 full level
H01Q 15/16 (2006.01); **H01Q 19/19** (2006.01)

CPC (source: EP)
H01Q 15/161 (2013.01); **H01Q 19/19** (2013.01)

Citation (search report)

- [X] FR 2517626 A1 19830610 - EUROP AGENCE SPATIALE [FR], et al
- [Y] EP 0181221 A2 19860514 - GEN ELECTRIC CO PLC [GB]
- [A] EP 0152221 A2 19850821 - GEN ELECTRIC CO PLC [GB]
- [A] US 3646564 A 19720229 - DRISLANE CORNELIUS J
- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 178 (E-330)[1901], 23rd July 1985; & JP-A-60 051 004 (NIPPON DENKI K.K.) 22-03-1985

Designated contracting state (EPC)
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