

Title (en)
COLLAPSIBLE ANTENNA NET REFLECTOR

Publication
EP 0144672 B1 19890906 (DE)

Application
EP 84112745 A 19841023

Priority
DE 3338937 A 19831027

Abstract (en)
[origin: US4642652A] An umbrella type unfoldable antenna reflector net is supported by carrier ribs extending radially from a carrier body and by auxiliary ribs extending between adjacent carrier ribs. Bracing wires are connected between the carrier ribs and the auxiliary ribs. The tension of the bracing wires, which in the unfolded state of the reflector net extend substantially in the direction of chords, is adjustable by respective adjustment members so that the bracing tension force has a force component which extends substantially perpendicularly to a plane defined by the unfolded reflector net. The adjustment members permit adjusting the reflector net into a parabolic shape.

IPC 1-7
H01Q 1/08; H01Q 15/16

IPC 8 full level
H01Q 15/14 (2006.01); **H01Q 15/16** (2006.01); **H01Q 15/20** (2006.01)

CPC (source: EP US)
H01Q 15/161 (2013.01 - EP US)

Cited by
EP0589154A1

Designated contracting state (EPC)
FR GB IT

DOCDB simple family (publication)
EP 0144672 A2 19850619; EP 0144672 A3 19860730; EP 0144672 B1 19890906; CA 1226935 A 19870915; DE 3338937 A1 19850509; DE 3338937 C2 19880728; JP H0568883 B2 19930929; JP S60173904 A 19850907; US 4642652 A 19870210

DOCDB simple family (application)
EP 84112745 A 19841023; CA 466355 A 19841026; DE 3338937 A 19831027; JP 22425584 A 19841026; US 66404384 A 19841023