

Title (en)

REVERSE CASSEGRAIN ANTENNA FOR MULTIPURPOSE RADAR

Publication

EP 0014605 B1 19830223 (FR)

Application

EP 80400037 A 19800111

Priority

FR 7902768 A 19790202

Abstract (en)

[origin: US4253100A] Inverse Cassegrain antenna making it possible to use on the one hand the qualities of a conventional fine beam for look-out and tracking functions and making it possible on the other hand to have a widened beam either in the elevation plane or in the bearing plane. According to one embodiment, this antenna is provided with a mirror constituted by two reflector - polarizer elements joined to one another by a hinge which permits the articulation thereof, a remote control device regulating their relative orientation.

IPC 1-7

H01Q 3/01; **H01Q 25/00**; **H01Q 19/195**

IPC 8 full level

H01Q 3/01 (2006.01); **H01Q 19/195** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP US)

H01Q 3/01 (2013.01 - EP US); **H01Q 19/195** (2013.01 - EP US); **H01Q 25/002** (2013.01 - EP US)

Citation (examination)

- US 3771160 A 19731106 - LAVERICK E
- ANTENNA ENGINEERING HANDBOOK pp. 25-11, 25-12- Henry Jasik-McGraw Hill 1961.

Cited by

EP0091343B1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0014605 A1 19800820; **EP 0014605 B1 19830223**; DE 3062089 D1 19830331; FR 2448233 A1 19800829; FR 2448233 B1 19830513; US 4253100 A 19810224

DOCDB simple family (application)

EP 80400037 A 19800111; DE 3062089 T 19800111; FR 7902768 A 19790202; US 11666180 A 19800129