

Title (en)

EXTERNAL UNIT FOR A MICROWAVE FEED AERIAL

Publication

**EP 0213040 A3 19880914 (FR)**

Application

**EP 86401780 A 19860808**

Priority

ES 546018 A 19850809

Abstract (en)

[origin: EP0213040A2] Unit characterised in that it consists of a modular construction composed of a feeder, a frequency converter and a polarisation discriminator, these elements being integrated in a compact block which is mounted in the centre of the microwave aerial in a manner independent of the diameter of the aerial, the said construction being able to receive a second converter in order to use the unit with two polarisations, a link between the polarisation discriminator and the frequency converter being made by means of a microstrip-guide transition (1, 6), which transition provides the electrical insulation to the input of the converter. <IMAGE>

IPC 1-7

**H01Q 1/24**; **H01Q 21/24**; **H01Q 19/13**

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 19/13** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP)

**H01Q 1/247** (2013.01); **H01Q 19/13** (2013.01); **H01Q 25/001** (2013.01)

Citation (search report)

- [X] EP 0073511 A2 19830309 - NEC CORP [JP]
- [Y] EP 0094047 A1 19831116 - GEN ELECTRIC [US]
- [A] EP 0131633 A1 19850123 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] EP 0110324 A1 19840613 - TOKYO SHIBAURA ELECTRIC CO [JP]
- [A] US 4429417 A 19840131 - YOOL GEORGE M [US]
- [X] SYMPOSIUM RECORD JOINT SESSIONS OF THE 14th INTERNATIONAL TV SYMPOSIUM, Montreux, 6 - 12 juin 1985, pages 164-171; W.R. LANGE: "Design of outdoor units for satellite TVRO stations"

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

**EP 0213040 A2 19870304**; **EP 0213040 A3 19880914**; ES 546018 A0 19861001; ES 8700505 A1 19861001

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**EP 86401780 A 19860808**; ES 546018 A 19850809