

Title (en)
Jemcy conical receiving antenna.

Title (de)
Konische Empfangsantenne vom Typ Jemcy.

Title (fr)
Antenne réceptrice conique du type Jemcy.

Publication
EP 0055591 A1 19820707 (EN)

Application
EP 81306048 A 19811222

Priority
AU PE703280 A 19801222

Abstract (en)
An antenna having high gain and narrow beamwidth over broadband VHF and UHF portions of the electromagnetic spectrum comprises a biconical radiator/receiver (2) mounted substantially at the focal point of a parabolic reflector (3). Typically, the biconical radiator/receiver and the parabolic reflector are mounted on a supporting rod (1). Director rods (4,5) may also be provided on the supporting rod, the director rods being mounted on the side of the biconical radiator/receiver opposite to the reflector. The invention provides a low-cost high-gain antenna particularly suitable for television reception.

IPC 1-7
H01Q 19/12; **H01Q 9/28**

IPC 8 full level
H01Q 9/28 (2006.01); **H01Q 19/12** (2006.01); **H01Q 19/13** (2006.01); **H01Q 19/15** (2006.01); **H01Q 19/30** (2006.01)

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H01Q 9/28 (2013.01); **H01Q 19/12** (2013.01); **H01Q 19/15** (2013.01); **H01Q 19/30** (2013.01)

Citation (search report)

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