

Title (en)
Microwave horn antenna.

Title (de)
Hornantenne für Mikrowellen.

Title (fr)
Antenne cornet à micro-ondes.

Publication
EP 0307351 A1 19890315 (DE)

Application
EP 88810489 A 19880715

Priority
DE 8712053 U 19870905

Abstract (en)
The directional and emission characteristics of horn antennas are intended to be adjustable on the horns themselves. To this end, at least one wall section (21) of the funnel shape of the antenna is itself adjustable relative to a further wall section (22) on the antenna (30). In one design, the wall sections are formed by funnel walls which are arranged telescopically and can move relative to one another in the axial direction. Other designs provide funnel walls which can pivot. <IMAGE>

Abstract (de)
Die Richt- und Abstrahlcharakteristiken der Hornantenne sollen an ihr selbst einstellbar sein. Dazu ist mindestens ein Wandabschnitt (21) der Trichterform der Antenne relativ zu einem weiteren Wandabschnitt (22) an der Antenne selbst verstellbar (30). Die Wandabschnitte sind bei einer Ausführung durch teleskopförmig angeordnete, relativ zueinander in Achsrichtung verschiebbare Trichterwände gebildet. Andere Ausführungen sehen schwenkbare Trichterwände vor.

IPC 1-7
H01Q 3/01; **H01Q 13/02**

IPC 8 full level
H01Q 3/01 (2006.01); **H01Q 13/02** (2006.01)

CPC (source: EP)
H01Q 3/01 (2013.01); **H01Q 13/02** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0307351 A1 19890315; **EP 0307351 B1 19951011**; AT E129095 T1 19951015; DE 3854567 D1 19951116; DE 8712053 U1 19871022

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