

Title (en)  
Feeding for reflector antenna

Title (de)  
Speise für Reflektorantenne

Title (fr)  
Alimentation pour une antenne a reflecteur

Publication  
**EP 1489688 B1 20050907 (FR)**

Application  
**EP 04291540 A 20040616**

Priority  
FR 0350224 A 20030617

Abstract (en)  
[origin: EP1489688A1] The device has a dielectric body with an outer part (31) having a conical part (35) and a cylindrical part (34) of diameter higher than a diameter of a wave guide (20). The cylindrical part is connected to an end (32) of the conical part. The end of the conical part has a smaller diameter. The conical part has an outer lateral surface (29) which is smooth.

IPC 1-7  
**H01Q 19/19**

IPC 8 full level  
**H01Q 19/19** (2006.01)

CPC (source: EP US)  
**H01Q 19/193** (2013.01 - EP US)

Cited by  
CN103782447A; US11594822B2; US10454182B2; US11075466B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1489688 A1 20041222; EP 1489688 B1 20050907**; AT E304228 T1 20050915; CN 100536230 C 20090902; CN 1574461 A 20050202; DE 602004000083 D1 20051013; DE 602004000083 T2 20060518; FR 2856525 A1 20041224; FR 2856525 B1 20050902; US 2005007288 A1 20050113; US 6995727 B2 20060207

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**EP 04291540 A 20040616**; AT 04291540 T 20040616; CN 200410048328 A 20040617; DE 602004000083 T 20040616; FR 0350224 A 20030617; US 86775104 A 20040616