

Title (en)

Antenna, in particular a high-power microwave antenna

Title (de)

Antenne, insbesondere Hochleistungs-Mikrowellenantenne

Title (fr)

Antenne, en particulier antenne hyperfréquence à grande puissance

Publication

**EP 1172887 A3 20020918 (DE)**

Application

**EP 01113450 A 20010602**

Priority

DE 10029263 A 20000615

Abstract (en)

[origin: EP1172887A2] The high power microwave antenna [4] generates pulses [8] from a pulse source [3] and is configured as a horn shaped device. The antenna aperture is determined by the geometric boundary profile. The antenna is produced by inflation of an air bag [5] by triggering a gas supply.

IPC 1-7

**H01Q 15/00**; **H01Q 1/08**; **H01Q 15/16**

IPC 8 full level

**H01Q 1/08** (2006.01); **H01Q 9/00** (2006.01)

CPC (source: EP US)

**H01Q 1/081** (2013.01 - EP US); **H01Q 9/005** (2013.01 - EP US)

Citation (search report)

- [XY] WO 9001813 A1 19900222 - WRIGHT THOMAS MICHAEL BENYON [GB]
- [X] US 3321763 A 19670523 - KURT IKRATH, et al
- [X] DE 290260 C 19190626
- [X] US 2977596 A 19610328 - JUSTICE HAROLD D
- [Y] PATENT ABSTRACTS OF JAPAN vol. 010, no. 272 (E - 437) 16 September 1986 (1986-09-16)

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