

Title (en)
SHEET ANTENNA COMPOSED OF TWO CIRCULAR RINGS

Publication
EP 0012645 B1 19830622 (FR)

Application
EP 79400907 A 19791123

Priority
FR 7834424 A 19781127

Abstract (en)
[origin: US4443805A] The plate-type antenna is constituted by two tangent circular rings lying in a common plane and interconnected by a slit which is narrow and oriented in the direction of an axis which joins the centers of the rings. The slit extends from the internal edge or circumference of one ring to the internal edge or circumference of the other ring. The tangency zone has a given width which is small as possible in the direction which is perpendicular to the axis of the two rings. One edge of the slit is excited or energized in the immediate neighborhood of the center of symmetry of the antenna. Ground is connected to the middle point of at least one ring located on the axis on the other side of the center. The antennas may be assembled into networks. They may be constructed as double-faced printed circuits.

IPC 1-7
H01Q 9/26; **H01Q 9/28**; **H01Q 1/38**; **H01Q 13/10**

IPC 8 full level
H01Q 1/38 (2006.01); **H01Q 9/26** (2006.01); **H01Q 9/28** (2006.01); **H01Q 13/10** (2006.01)

CPC (source: EP US)
H01Q 1/38 (2013.01 - EP US); **H01Q 9/26** (2013.01 - EP US); **H01Q 9/28** (2013.01 - EP US); **H01Q 13/10** (2013.01 - EP US)

Cited by
US4479127A; US4746927A; EP0085486A1; FR2775127A1; EP0938157A1; FR2775128A1; EP0959523A1; FR2779011A1; WO8809065A1

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