

Title (en)

Holding device for ferrite cores and ferrite antenna having such a holding device

Title (de)

Haltevorrichtung für Ferritkerne und Ferritantenne mit einer solchen Haltevorrichtung

Title (fr)

Dispositif de retenue pour des noyaux en ferrite et une antenne avec ce dispositif de retenue

Publication

EP 1641073 A1 20060329 (DE)

Application

EP 05108696 A 20050921

Priority

DE 102004046371 A 20040924

Abstract (en)

The two ferrite cores (1, 2) are held by the resilient grips (4) of their holder (3). Alternatively only the second ferrite core is so held. The first ferrite core is adhered to the holder. The second ferrite core is permanently adhered onto the holder in fixed position and a first direction. Before adhering, the second core is moved to a position at right angles to the first. The antenna coil (5) surrounds the first core. The resilient grips are integral with the remainder of the holder, which is a plastic injection molding.

IPC 8 full level

H01Q 7/08 (2006.01); **H01Q 1/20** (2006.01); **H01Q 1/32** (2006.01)

CPC (source: EP)

H01Q 1/20 (2013.01); **H01Q 1/3241** (2013.01); **H01Q 7/08** (2013.01)

Citation (applicant)

WO 02095873 A2 20021128 - PEMETZRIEDER NEOSID [DE], et al

Citation (search report)

- [X] US 4978996 A 19901218 - AKAMATSU HIROYUKI [JP]
- [Y] WO 02095873 A2 20021128 - PEMETZRIEDER NEOSID [DE], et al
- [Y] DE 2948033 A1 19810604 - JAUCH DR HEINZ [DE]
- [Y] US 3273097 A 19660913 - KOSTER JOHANNES A
- [A] EP 0729040 A1 19960828 - MINNESOTA MINING & MFG [US]

Cited by

CN106486777A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1641073 A1 20060329; **EP 1641073 B1 20070829**; AT E371963 T1 20070915; DE 102004046371 A1 20060330; DE 502005001361 D1 20071011

DOCDB simple family (application)

EP 05108696 A 20050921; AT 05108696 T 20050921; DE 102004046371 A 20040924; DE 502005001361 T 20050921