



(51) International Patent Classification:

F42B 12/36 (2006.01) *H01Q 3/24* (2006.01)
H01Q 21/24 (2006.01)

(21) International Application Number:

PCT/IT2008/000088

(22) International Filing Date:

13 February 2008 (13.02.2008)

(25) Filing Language:

Italian

(26) Publication Language:

English

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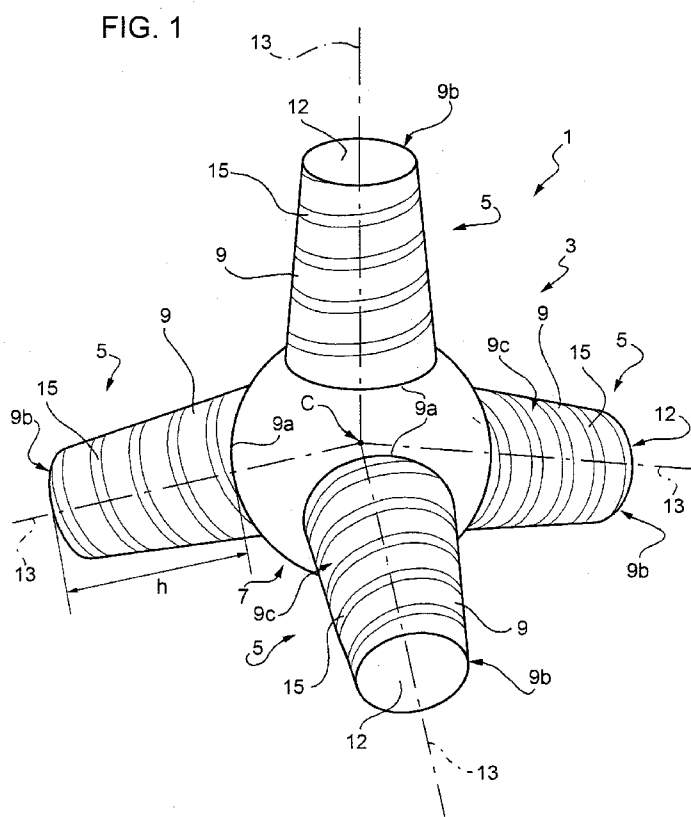
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(54) Title: RADIO DEVICE FOR A WIRELESS NETWORK



(57) Abstract: A radio device for a wireless network comprising: an outer protective casing (3) housing an electronic transceiver circuit (4); and four radiating elements (5) carried by the protective casing and having orientations that differ from one another. The outer protective casing (3) is configured in such a way that, when it is set on a plane surface, it sets itself with just one radiating element (5) substantially perpendicular to the plane surface; the radio device is able to determine autonomously the orientation assumed and comprises an automatic selector (20) for selecting the radiating element (5) set substantially perpendicular to the plane surface.



(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI

(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*