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(54) Title: HARDENED WAVE-GUIDE ANTENNA

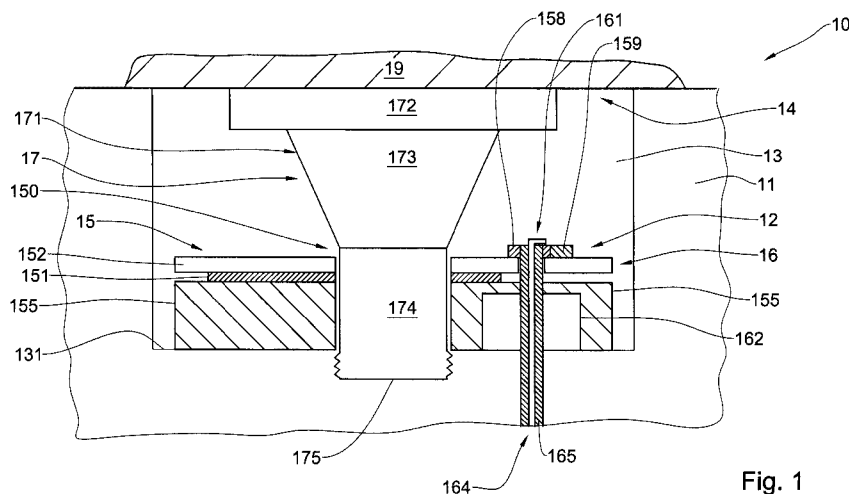


Fig. 1

(57) Abstract: An antenna element (10) and a phased array antenna comprising a plurality of such antenna elements are described. The antenna element includes a waveguide (11) configured for operating in a below-cutoff mode and having a cavity (13), an exciter (12) configured for exciting the waveguide, and a shield (17). The shield includes a holder (171) arranged within the cavity, and a front plate (172) mounted on the holder and disposed over at least a part of the exciter.