

Title (en)
MAGNETRON

Title (de)
MAGNETRON

Title (fr)
MAGNETRON

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Application
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Abstract (en)
[origin: WO03079394A1] A magnetron comprises an anode (2) having at least one vane (3), which defines a plurality of cavities. A dielectric resonator (7) is located such that it is in communication with the vane(s). The dielectric resonator includes a lossy portion. In use, the dielectric resonator at least partially absorbs spurious radiation generated in a predetermined mode of operation of the magnetron, such as the pi - 1 mode. Power generated in the pi - 1 mode, if transmitted, may interfere with other electronic devices. The resonator may be of ceramics material, such as alumina. The lossy material may comprise carbon-loaded ceramic.

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