

Title (en)
COUPLED CAVITY TRAVELING WAVE TUBE

Title (de)
KOPPELRESONATOR-WANDERWELLENRÖHRE

Title (fr)
TUBE D ONDE ITINÉRANTE À CAVITÉ COUPLÉE

Publication
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Application
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Abstract (en)
[origin: WO2009149291A2] Various embodiments of a coupled cavity traveling wave tube are disclosed herein. For example, some embodiments provide a coupled cavity traveling wave tube including a plurality of core segments arranged in spaced-apart fashion to form an electron beam tunnel, a first longitudinal member adjacent the plurality of core segments alternately extending toward and receding from successive core segments, and a second longitudinal member adjacent to the plurality of core segments alternately extending toward and receding from successive core segments. The first and second longitudinal members are offset to extend toward different core segments.

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