

Title (en)  
TRAVELLING WAVE TUBE CONFIGURATION

Title (de)  
LAUFFELDRÖHRENANORDNUNG

Title (fr)  
DISPOSITIF A TUBE A ONDES PROGRESSIVES

Publication  
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Application  
**EP 99938168 A 19990611**

Priority  
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Abstract (en)  
[origin: WO0077818A1] The invention relates to a travelling wave tube configuration with a travelling wave tube (LR) and a linearization circuit arrangement (S). The aim of the invention is to integrate the linearization circuit arrangement (S) and the travelling wave tube (LR) in one unit and to keep the linearization circuit arrangement (S) at a temperature that is safe and lower than that of the wall (W) of the tube or a common wall in order to protect the linearization circuit arrangement while the tube housing is kept at an admissible high temperature. To this end, an active cooling element (K), preferably a Peltier element, is used.

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