

Title (en)  
ELECTRONIC TUBE WITH SIMPLIFIED COLLECTOR

Title (de)  
ELEKTRONENRÖHRE MIT EINER VEREINFACHTEN KOLLEKTORANORDNUNG

Title (fr)  
TUBE ELECTRONIQUE A COLLECTEUR SIMPLIFIE

Publication  
**EP 1466343 A2 20041013 (FR)**

Application  
**EP 02805362 A 20021210**

Priority  
• FR 0204265 W 20021210  
• FR 0116242 A 20011214

Abstract (en)  
[origin: FR2833748A1] The invention concerns amplifying microwave operating tubes. The electronic tube comprises: a pumping tip (50) for producing vacuum inside the tube; an electron gun (11) emitting an electron beam (12) inside the tube; a collector (14) directly collecting one first part of the electron beam (12). The pumping tip (50) directly repels a second part of the electron beam (12) towards the collector (14).  
[origin: FR2833748A1] The simplified electron tube collector has a vacuum pump tube (50) and an electron gun emitting electrons inside the tube. A collector collects part of the electron beam. A second part of the electron beam is redirected in the collector direction by the pump tube.

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