

Title (en)

AMPLIFIER COMPRISING AN ELECTRONIC TUBE PROVIDED WITH COLLECTORS

Title (de)

VERSTÄRKER MIT EINER MIT KOLLEKTOREN AUSGESTATTETEN ELEKTRONISCHEN RÖHRE

Title (fr)

AMPLIFICATEUR AVEC TUBE ELECTRONIQUE MUNI D'UN COLLECTEUR A PLUSIEURS ETAGES

Publication

**EP 1671345 A2 20060621 (FR)**

Application

**EP 04766881 A 20041008**

Priority

- EP 2004052484 W 20041008
- FR 0311904 A 20031010

Abstract (en)

[origin: US2007030058A1] An amplifier including an electronic tube with an axial electron beam, provided with a cathode and at least two collectors, and at least two sources of DC voltage. Each collector is connected to a DC voltage source having a potential difference such that, the further the collector is from the cathode, the lower the potential difference between this collector and the cathode. The DC voltage sources are connected together at a common point situated at the collector whose potential difference with the cathode is the lower but not zero.

IPC 1-7

**H01J 23/27**; **H01J 23/34**; **H03F 3/54**

IPC 8 full level

**H01J 23/027** (2006.01); **H01J 23/34** (2006.01)

CPC (source: EP US)

**H01J 23/027** (2013.01 - EP US); **H01J 23/0275** (2013.01 - EP US); **H01J 23/34** (2013.01 - EP US); **H01J 25/04** (2013.01 - EP US); **H04B 7/155** (2013.01 - EP)

Citation (search report)

See references of WO 2005038848A2

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