

Title (en)  
ELECTRON BEAM TUBE

Publication  
**EP 0505862 A3 19921223 (DE)**

Application  
**EP 92104430 A 19920314**

Priority  
DE 4109664 A 19910323

Abstract (en)  
[origin: EP0505862A2] In order to improve the heat emission of a collector of a satellite travelling wave tube, it is proposed to provide said collector with funnel-shaped cooling vanes. <IMAGE>

IPC 1-7  
**H01J 23/033**

IPC 8 full level  
**H01J 23/033** (2006.01)

CPC (source: EP US)  
**H01J 23/033** (2013.01 - EP US)

Citation (search report)  
• [Y] EP 0376827 A1 19900704 - THOMSON TUBES ELECTRONIQUES [FR]  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 011, no. 051 (E-480)17 Februar 1987; & JP-A-61 214 327 (TOSHIBA) 20 März 1985

Cited by  
EP0831513A1; US5990600A; EP0867910A1; US5929566A; FR2700888A1; US5494241A

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DE FR GB

DOCDB simple family (publication)  
**EP 0505862 A2 19920930; EP 0505862 A3 19921223; EP 0505862 B1 19941228**; DE 4109664 A1 19920924; DE 4109664 C2 20000608; DE 59201047 D1 19950209; JP 2885987 B2 19990426; JP 3246658 B2 20020115; JP H0582030 A 19930402; JP H11219662 A 19990810; US 5260623 A 19931109

DOCDB simple family (application)  
**EP 92104430 A 19920314**; DE 4109664 A 19910323; DE 59201047 T 19920314; JP 31604798 A 19981106; JP 5988492 A 19920317; US 84484092 A 19920303