

Title (en)  
ELECTRON MULTIPLIER ARRAY

Title (de)  
ELEKTRONENVERVIELFACHERMATRIX

Title (fr)  
MULTIPLICATEUR D'ELECTRONS

Publication  
**EP 1004134 A1 20000531 (EN)**

Application  
**EP 98938821 A 19980814**

Priority  
• GB 9802447 W 19980814  
• GB 9717210 A 19970814

Abstract (en)  
[origin: WO9909577A1] The electron multiplier array consists of alternate layers of metallic material (16) and insulator (14) deposited over an array of anodes (12) on a substrate. The layers are deposited in turn on the substrate and holes are etched through each of the layers to form an array of channels (10) over the array of anodes (12). The array repeat of the electron multiplier array is less than 0.5 mm and individual layers have a thickness of between 10 and 500 micron. This permits the fabrication of much smaller devices that are less susceptible to high magnetic fields.

IPC 1-7  
**H01J 9/12**; **H01J 43/22**

IPC 8 full level  
**H01J 9/12** (2006.01); **H01J 43/22** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 9909577A1

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GB

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