

Title (en)

METHOD OF MANUFACTURING A CHANNEL PLATE STRUCTURE

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Application

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Priority

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Abstract (en)

[origin: EP0006267A1] An electron multiplier using a laminated channel plate assembly. The electron multiplier is usable in display tubes and image intensifiers. A problem in channel plate electron multipliers is to space apart accurately the dynodes in a simple and inexpensive way. In the present invention this problem is overcome by using discrete separating elements (18) such as ballotini to space apart the dynodes (11, 12, 13, 14). The elements (16) are bonded to the surface of one dynode of adjacent pairs of dynodes and is either bonded to or clamped against the other dynode of the pair. Various methods of making the laminated channel plate assembly are disclosed.

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