

Title (en)
Grid for electron gun system.

Title (de)
Gitter für Elektronenstrahl-Erzeugungssysteme.

Title (fr)
Grille pour système de canons électroniques.

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EP 0453979 B1 19950628 (DE)

Application
EP 91106299 A 19910419

Priority
DE 4012888 A 19900423

Abstract (en)
[origin: EP0453979A2] According to the existing prior art, the openings of the grids of electron gun systems are produced using a stamping technique. Since the required tight tolerances for these openings 13.1, 13.2, 13.3 can be implemented only by means of precision stamping machines, it is proposed according to the invention to clad the openings 13.1, 13.2, 13.3 with deep-drawn insertion sleeves 14.1, 14.2, 14.3 and to connect them fixedly to the grid 10. The extraordinarily good dimensional stability of the deep-drawn insertion sleeves 14.1, 14.2, 14.3 is not adversely affected when the connection of the grid 10 and the insertion sleeves 14.1, 14.2, 14.3 is made using a template in a laser-welding technique. <IMAGE>

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H01J 9/14 (2013.01); **H01J 29/485** (2013.01); **H01J 29/503** (2013.01)

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• EP 0231964 A1 19870812 - PHILIPS NV [NL]

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