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PATENT APPLICATION

THOMSON PLASMA

METHOD OF CONNECTING A PLASMA PANEL TO THE ELECTRICAL POWER SUPPLY THEREFOR IN AN IMAGE DISPLAY DEVICE

ABSTRACT

The device comprises a metal support plate 1 supporting, on its front face, a plasma discharge panel provided with an array of pairs of adjacent electrodes 7, 8 and, on its rear face, a supply 13'; according to the invention, the connection ends of the electrodes 7, 8 of the same pair are located on opposed edges 5, 6 of the panel and the supply circuit for each pair of adjacent electrodes 7, 8 then forms a current loop which does not surround the metal plate 1.

The electrical losses in this plate are thus limited, while obtaining an identical operation of the cells of the panel over the entire length of the electrodes.

Figure 4