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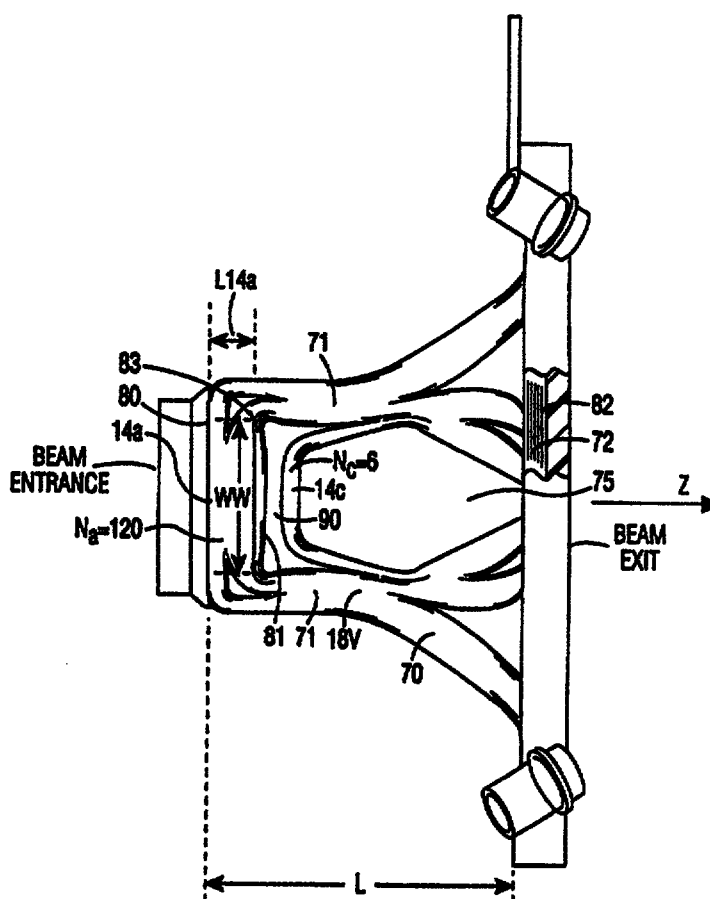
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(54) Title: DEFLECTION YOKE WITH REDUCED RASTER DISTORTION

(57) Abstract

A deflection yoke for a cathode ray tube having a large, flat faceplate and a 4:3 aspect ratio includes a saddle-shaped vertical deflection coil. Most of the winding turns at a rear end portion (14a, 14c) are concentrated close to the beam entrance end of the coil. Both the position of the peak (VPEAK, fig. 6) and the vertical deflection center (Z(c), fig. 6) of the vertical deflection field are shifted toward the gun entrance end with respect to the corresponding peak (HPEAK, fig. 6) and deflection center (H DEFL CTR, fig. 6) of the horizontal deflection field. Consequently, North-South magnets are not required for reducing North-South pincushion distortion. Also, a much shortened yoke is obtained than if the peak were not shifted.



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