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Abstract

Method for Producing Picture Tube Funnels and Apparatus for Performing the Method

Funnels (4) of picture tubes are typically produced by pressing a molten gob of glass in a mold (1) using a pressing die (2) and by using a ring (3), resting on the mold (1) and resiliently secured to the die (2), for molding a flat funnel upper edge (4a). At the same time, through corresponding recesses (1a) in the mold (1), bearing faces, so-called pads (4c), for connecting the funnel (4) adjustably to the picture screen, are molded onto the outer collar of the funnel (4). In order to attain an encompassing upper edge (4a) of constant width by recessing of the pads without an encompassing mold seam on the finished funnel, the mold (1) is provided in the region of the pads (4c) with recesses (1a), in which movable, flat molded parts (5, 6) that are flush with the upper edge (1b) of the mold can be placed, the thickness of the molded parts being determined in accordance with the extent of recessing of the pads and their radial length being determined such that they produce into the mold cavity in accordance with the recessed upper edge (4d) of the pads (4c) to be molded on, and are arranged such that they can be moved out of the mold cavity after the funnel (4) has been molded.

(Fig. 3B)