

INJECTION MOLDING APPARATUS HAVING NOZZLES
WITH ELONGATED MOUNTING FLANGES

ABSTRACT OF THE DISCLOSURE

Injection molding apparatus having a number of heated nozzles extending in a row from an elongated heated melt distribution manifold. Each heated nozzle has a pair of mounting flanges extending outwardly in opposite directions adjacent its rear end. Hollow insulating and locating bushings extend forwardly from the mounting flanges to the cooled cavity plate. The combination of the mounting flanges and the insulating and locating bushings accurately locates the heated nozzles very closely together in a row and spaces the heated elongated melt distribution manifold rearwardly from the cooled cavity plate.

Figure 1