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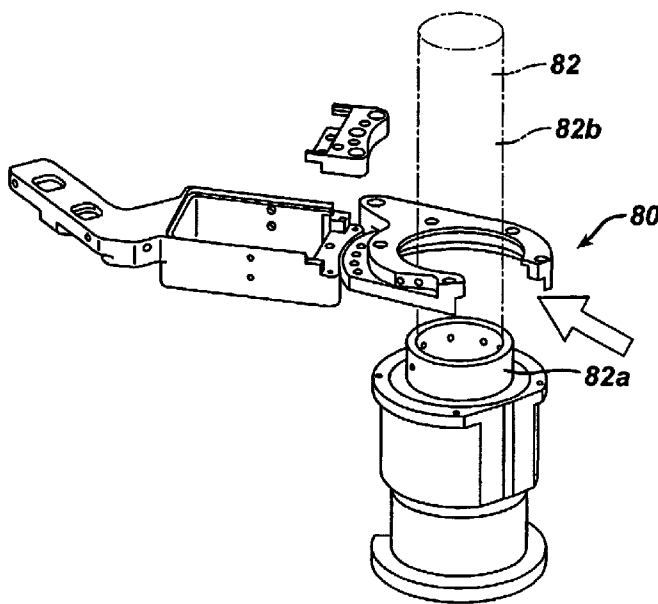
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(54) Title: SPLIT COLLAR FOR MECHANICAL ARM CONNECTION



(57) **Abstract:** A robot assembly and a method of installing a collar on a robot assembly. The robot assembly comprises a support shaft, an arm extending away from the shaft, a split connecting collar pivotally mounted on the support shaft and connected to the arm to connect the arm to the support shaft, and a tool connected to the arm for engaging the molded items and for removing the molded items from the molding machine. Two embodiments of the split collar are disclosed. The first is a multiple piece component, and the second is a single slotted body. The installation or removal of the collar is performed by moving the collar, or the collar components, away from the shaft, in a direction perpendicular to the shaft centerline instead of along and over the shaft diameter to the endpoint.



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