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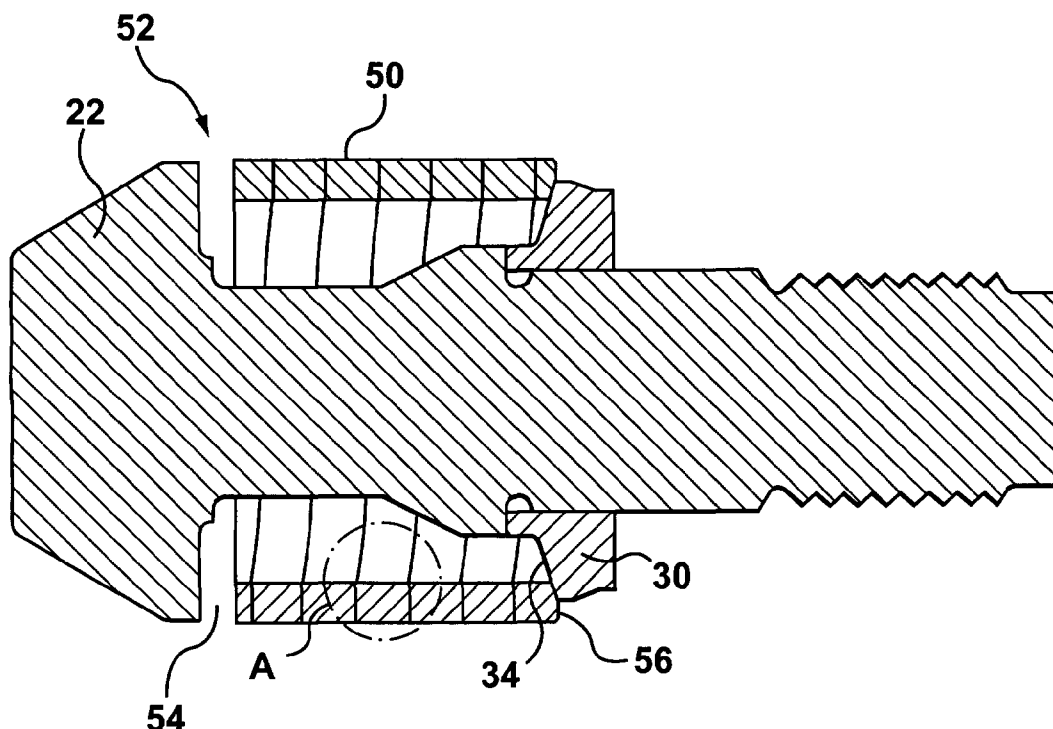
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[Continued on next page]

(54) Title: A CHECK VALVE WITH A SPIRAL COIL SEAL



(57) Abstract: A seal for a check valve for a metal molding machine. The seal is provided by the combination of a peripheral groove in an outer surface of the check valve and a helically wound core in the groove. The helically wound coil is expandable into sealing engagement with a cylindrical wall of the molding machine. The helically wound coil may be movable laterally in the groove between a melt channel open position and a melt channel closed position to open or seal the melt channel.



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