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(54) Title: MULTI-COMPONENT METAL INJECTION MOLDING

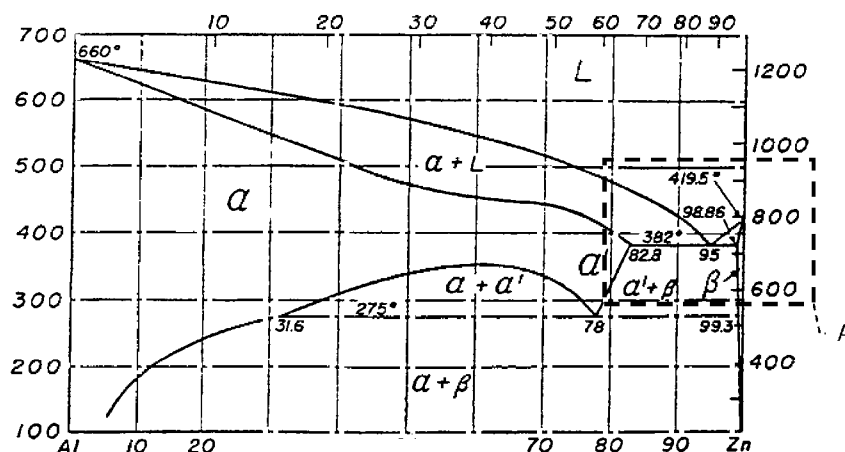


Fig. 1

(57) Abstract: A metal alloy feedstock and method for metal injection molding is disclosed. The alloy includes at least two components, such as a first component and a second component. The first component has a first melting point and the second component has a second melting point higher than the first melting point. The first melting point and the second melting point match to the temperature gradient of the heated barrel of an injection molding machine whereby when fed into the injection molding machine the first component melts prior to the second component melts and enables the second component to solute into the first component. Additional components may also be used.