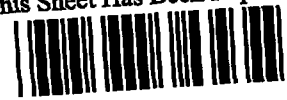


This Sheet Has Been Replaced



ABSTRACT

A method and material 52 for blocking a laser beam L during laser machining is disclosed. The material comprises a thermoplastic polymer. Various details are developed which promote filling and removing the blocking material from a component 10. In one detailed embodiment, the thermoplastic
5 polymer is formed of only carbon and hydrogen and forms harmless effluent during burnout of the material.