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(54) Title: ADDITIVE MANUFACTURED PARTS WITH SMOOTH SURFACE FINISHES

(57) Abstract: Methods of producing an additive manufactured part with a smooth surface finish include providing a spinning device that has a platform. The part is secured to the platform, where the part is at least partially wetted with uncured resin from a resin pool. The platform is rotated, where a first portion of the uncured resin is retained on the part and a second portion of the uncured resin is removed. The part is cured after the rotating. In some embodiments, methods include creating a compensated design for a part by modifying a desired design to compensate for a first portion of an uncured surface finish material to be retained on the part, and forming the part with an additive manufacturing process according to the compensated design.



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