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(54) Title: PROCESS FOR PRODUCING SPHEROIDIZED POWDER FROM FEEDSTOCK MATERIALS

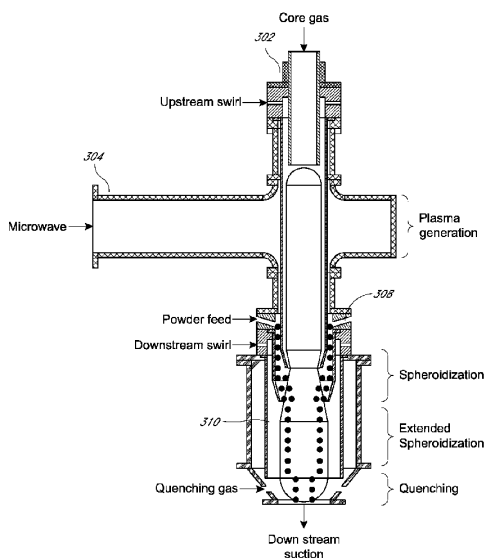


FIG. 12B

(57) Abstract: Disclosed herein are embodiments of methods, devices, and assemblies for processing feedstock materials using microwave plasma processing. Specifically, the feedstock materials disclosed herein pertain to scrap materials, dehydrogenated or non-hydrogenated feed material, recycled used powder, and gas atomized powders. Microwave plasma processing can be used to spheroidize and remove contaminants. Advantageously, microwave plasma processed feedstock can be used in various applications such as additive manufacturing or powdered metallurgy (PM) applications that require high powder flowability.

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