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(54) Title: MECHANICALLY ALLOYED POWDER FEEDSTOCK

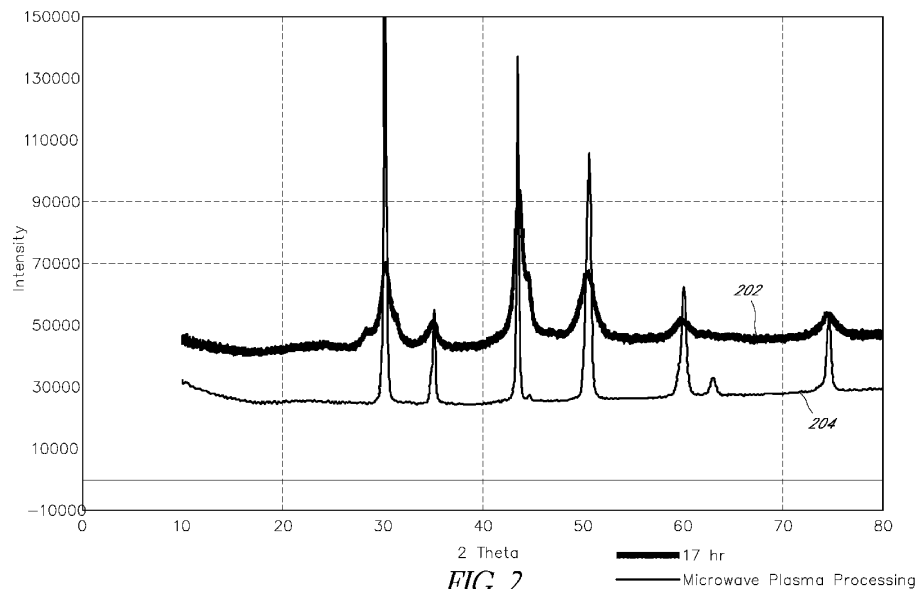


FIG. 2

— 17 hr
— Microwave Plasma Processing

(57) Abstract: Disclosed herein are embodiments of mechanically alloyed powder feedstock and methods for spheroidizing them using microwave plasma processing. The spheroidized powder can be used in metal injection molding processes, hot isostatic processing, and additive manufacturing. In some embodiments, mechanical milling, such as ball milling, can be used to prepare high entropy alloys for microwave plasma processing.

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