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- (54) **Title:** A SHOCK WAVE SIGNAL GENERATOR AND METHODS OF USE THEREOF

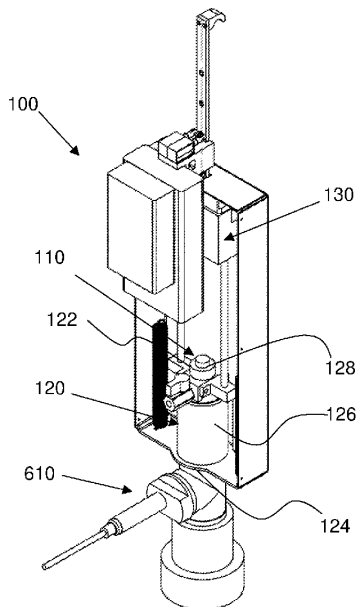


Figure 6

(57) **Abstract:** A shock wave signal generator is disclosed together with a system and methods of using the shock wave signal generator to identify and locate anomalies in a fluid medium. In one form, the shock wave signal generator includes a striker and a resonator operatively associated with a fluid medium. The resonator is configured to resonate when struck by the striker and emit a supersonic pulse that introduces at least one said shock wave signal into the fluid medium.

WO 2022/036396 A1