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**Aljuri et al.**

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- (54) **TISSUE RESECTION AND TREATMENT WITH SHEDDING PULSES**
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CPC ..... **A61B 17/3203** (2013.01); **A61B 18/12** (2013.01); **A61B 18/148** (2013.01);  
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- (58) **Field of Classification Search**  
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See application file for complete search history.

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(57) **ABSTRACT**

A fluid stream is directed toward tissue to generate a plurality of shedding clouds. The fluid stream can be scanned such that the plurality of shedding clouds arrive a different overlapping locations. Each of the plurality of shedding clouds can remove a portion of the tissue. In many embodiments, an apparatus to ablate tissue comprises a source of pressurized fluid, and a nozzle coupled to the source of pressurized fluid to release a fluid stream, in which the fluid stream generates a plurality of shedding clouds.

**6 Claims, 92 Drawing Sheets**

