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(54) **TISSUE LIGATION DEVICES AND METHODS THEREFOR**

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See application file for complete search history.

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(57) **ABSTRACT**

Described here are closure devices and methods for ligating tissue, such as the left atrial appendage. The closure devices may comprise a snare loop assembly comprising a snare and a suture loop releasably attached thereto. The snare may be releasable from an elongate body of the closure device. In some instances, the closure device may comprise one or more markers to allow a user to determine whether the snare loop assembly is twisted.

24 Claims, 28 Drawing Sheets

