

Title (en)
MEMS MICRO DEBRIDER DEVICES

Title (de)
MEMS-MIKRODEBRIDER

Title (fr)
DISPOSITIFS DE MICRO DÉBRIDEMENT MEMS

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Application
EP 13810061 A 20130627

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Abstract (en)
[origin: WO2014004763A1] Medical devices for shearing tissue into small pieces are provided. One exemplary device includes oppositely rotating first and second rotatable members, each located at least partially within a distal housing. The device also includes first and second circular axle portions, and first and second blades that are directly adjacent to one another and positioned to partially overlap such that tissue may be sheared between the first and second blades, between the first blade and the second axle portion and between the second blade and the first axle portion. The rotatable members are configured to engage tissue from a target tissue site with teeth of the first and second blades, rotate towards one another and inwardly to direct tissue from the target tissue site through a tissue engaging opening and into an interior portion of the distal housing. Methods of fabricating and using the above device are also disclosed.

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