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**Morin et al.**

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(54) **FLEXIBLE ROBOTIC ACTUATORS**

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(57) **ABSTRACT**

Systems and methods for providing flexible robotic actuators are disclosed. Some embodiments of the disclosed subject matter include a soft robot capable of providing a radial deflection motions; a soft tentacle actuator capable of providing a variety of motions and providing transportation means for various types of materials; and a hybrid robotic

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