

ABSTRACT

SOFT TOUCH CLAMP ACTUATION MECHANISM

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A clamping mechanism having clamping jaws is provided for holding an object. The clamping mechanism comprises a solenoid pad connected to at least one of the clamping jaws which is operative to actuate movement of the clamping jaw, and a solenoid motor that is operative to attract the solenoid pad towards it when
10 it is energized. Further, a voice coil motor is rigidly coupled to the solenoid pad to drive the solenoid pad in directions towards or away from the solenoid motor.

(FIG. 1)