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Abstract

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OSCILLATING HIGH ENERGY DENSITY OUTPUT MECHANISM

A mechanism that steers a high energy density output(s) in a shaking
5 motion other than a rotating motion that when translated across a surface
evenly affects the surface. One application can be used as an end effector. A
pivot on the mechanism induces an angular motion that eliminates the tops
and bottoms of the pattern produced by the shaking motion. As a waterjet
stripping mechanism which may be an end effector, a nozzle or output
10 manifold with one or more orifices or outputs is attached to a non-rotating
tube eccentrically mounted within a rotating tube that shakes the nozzle or
output manifold so as to direct the stream of water to the target in a skewed
circular pattern.