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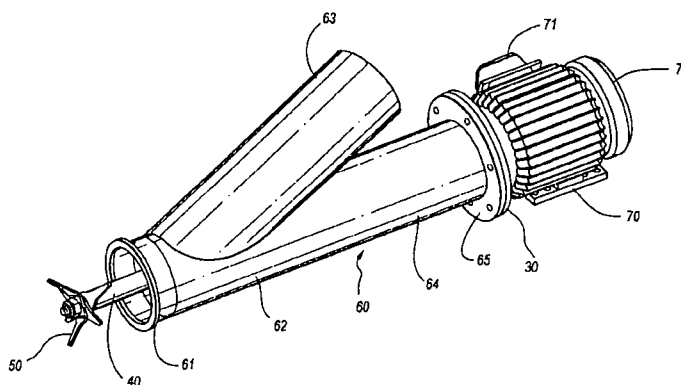
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(54) Title: CHOPPER BLADE APPARATUS AND METHOD FOR REFINING PARTICLES



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(57) Abstract: A particle refining apparatus to be integrated into a system including a containment device (80) and an influent conduit (60). The influent conduit is configured to retain the particle refining apparatus and connected to the containment device. The particle refining apparatus including a shaft (40), a blade set (50) attached near the end of the shaft and attachment couplings arranged within the influent conduit. A method for refining particles includes introducing particles into an influent conduit, chopping the particles to a desired size with an initial chopping apparatus, directing the chopped particles through the influent conduit, refining the particles to a desired size with a refining apparatus, and moving the particles continuously from the influent conduit through the refining apparatus and into a containment device.

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