Enable 3D View
Application of acoustic waves in treating of melt aluminum alloys.

Ultrasonic above the threshold of acoustic cavitation can be introduced into a molten metal (e.g., during the continuous casting process), this way promoting:

- Depassing of liquid metals using high-intensity ultrasonic activity.
- Ultrasonic grain modification technology (improving microcrystallization).
- Ultrasonic filtering and refining of molten metal.
- Ultrasonic mixing and homogenizing of liquids is exceptionally efficient.

Liquids and liquid metals that do not mix in normal conditions can also be mixed in number of combinations, homogenized and crystallized in high intensity ultrasonic reactors, or in certain ultrasonically optimized casting processes.