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New feature: Breakthrough in Ultrasonic assisted industrial continuous casting

August 18, 2014

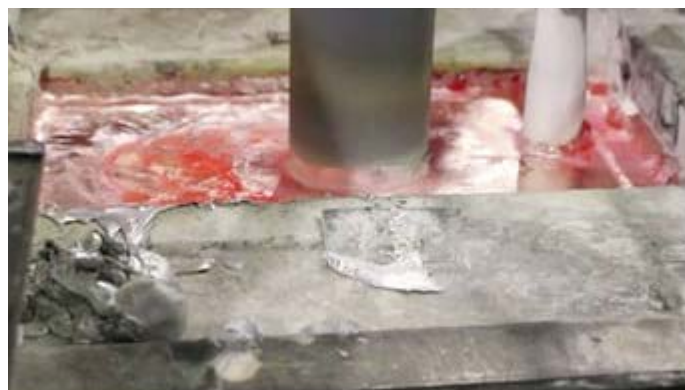
Read this new feature from Aluminium International Today all about Ultrasonic continuous casting without centreline segregation, conventional degassing and grain refiners.

There are quite a few studies that acclaim the potential of ultrasonic technology for improving the quality of light metal products. Due to the limitations of conventional low frequency (pulsed) ultrasound, industrial upscaling was never realised, until today.

Read more here:

http://www.aluminiumtoday.com/contentimages/features/casting_nico.pdf

Ultrasonic degassing and grain refinement applied to continuous casting and direct chill casting.



Ultrasonic uniform vibration of the melt caused by a special grade Sialon non-wetting sonotrode



SMS group
PARKEGATE LTD



A novel 20 kHz ultrasound generator creating uniformly distributed 3D acoustic energy for degassing, mixing, alloying and homogenization of (molten) aluminium.



Article assets

For more information visit:

http://www.aluminiumtoday.com/contentimages/features/casting_nico.pdf

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