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(54) Title: ULTRASONIC ENHANCEMENT OF DIRECT CHILL CAST MATERIALS

(57) Abstract: A method and apparatus for direct chill casting of metals and metal alloys which includes application of vibrational energy to the molten material in an open-ended mold and at the outlet of the mold are provided. In an aspect, the method is directed to the production of cast aluminum alloys.

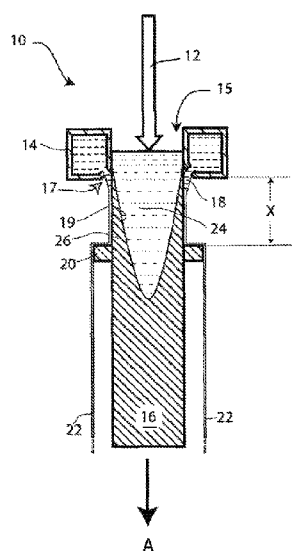


Fig. 1

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