

Title (en)

APPARATUS FOR INTRODUCING MOLTEN METAL INTO A CENTRIFUGAL CASTING INSTALLATION FOR TUBES AND OTHER CYLINDRICAL OBJECTS

Publication

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Application

EP 80103311 A 19800613

Priority

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Abstract (en)

[origin: ES8102865A1] In a centrifugal casting apparatus, the rate of flow of molten iron poured into the mold is controlled by varying the inclination of the feed channel. In particular, at the end of the casting operation, the supply of liquid to the feed channel is cut off and the upstream end of the feed channel is progressively raised. This can be controlled automatically by a cast iron level detector adjacent the pouring spout. In this manner, localized thickness defects in a series of pipes can be corrected. Furthermore, pipes of constant thickness throughout their length can be provided without the need to vary the translational speed of the feed channel or vary the rate of pivoting of the ladle of molten liquid.

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