

Title (en)
CONTROL PIN AND SPOUT SYSTEM FOR HEATING METAL CASTING DISTRIBUTION SPOUT CONFIGURATIONS

Title (de)
KONTROLLSTIFT UND AUSGUSSSYSTEM ZUM ERHITZEN DER METALLGUSS-VERTEILUNGSSSTIFTKONFIGURATIONEN

Title (fr)
QUENOUILLE DE RÉGULATION ET SYSTÈME DE BUSETTE DE COULÉE POUR LE CHAUFFAGE DES CONFIGURATIONS DES BUSETTES DE COULÉE DISTRIBUANT DU MÉTAL EN FUSION

Publication
EP 2486156 A4 20140723 (EN)

Application
EP 09850303 A 20091008

Priority
US 2009005556 W 20091008

Abstract (en)
[origin: WO2011043759A1] A control pin system, including an apparatus and method, for use in controlling the flow of molten metal in a molten metal distribution system for casting, with some aspects of the control pin including: a control pin body with an internal cavity and an outer surface, wherein the outer surface is sized and configured to operatively interact with an internal surface of a spout to effectively control the flow of molten metal through a spout aperture; and a heater element within the internal cavity of the control pin body. In other embodiments, the heater may be located within the spout body and transferring heat to the control pin.

IPC 8 full level
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B22D 41/18 (2013.01 - CN EP); **B22D 41/60** (2013.01 - CN EP); **C21C 5/42** (2013.01 - KR); **C21C 5/4653** (2013.01 - CN EP)

Citation (search report)

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Citation (examination)

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DOCDB simple family (publication)
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DOCDB simple family (application)
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