Title (en)

METHOD AND MELT CHANNELS FOR INTERRUPTING AND RESTORING THE MELT STREAM OF IRON AND METAL MELTS IN TAP HOLE CHANNELS OF BLAST FURNACES AND DRAINAGE CHANNELS OF MELT FURNACES

Title (de)

VERFAHREN UND SCHMELZEKANÄLE ZUR UNTERBRECHUNG UND WIEDERHERSTELLUNG DES SCHMELZESTROMS VON EISEN- UND METALLSCHMELZEN IN STICHLOCHKANÄLEN VON HOCHÖFEN UND ABFLUSSKANÄLEN VON SCHMELZÖFEN

Title (fr)

PROCÉDÉ ET CANAUX DE COULÉE, POUR INTERROMPRE ET RÉTABLIR L'ÉCOULEMENT DE MASSES DE FER ET DE MÉTAL FONDU DANS DES CANAUX DE TROU DE COULÉE DE HAUT-FOURNEAU ET DE CANAUX DE DÉCHARGE DE FOURS DE FUSION

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Application

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Priority

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Abstract (en)

[origin: WO2010015682A2] The invention relates to a method for interrupting and restoring the melt stream of iron and metal melts in melt channels, in particular tap hole channels, of blast furnaces and drainage channels of melt furnaces. The method is characterized by a transition of the melt stream in the melt channels to the solidified state through cooling so that the melt stream can be interrupted, and by a melting of the solidified melt and a restoration of the melt stream through heating, in particular for re-establishing tapping of blast furnaces.

IPC 8 full level

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CPC (source: EP US)

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