

Title (en)

SYSTEM AND METHOD FOR MONITORING MOLD FLUX CONSUMPTION

Title (de)

SYSTEM UND VERFAHREN ZUR ÜBERWACHUNG EINES FORMFLUSSVERBRAUCHS

Title (fr)

SYSTÈME ET PROCÉDÉ POUR SURVEILLER UNE CONSOMMATION DE FLUX DE MOULE

Publication

EP 2760608 A4 20150715 (EN)

Application

EP 12834726 A 20121001

Priority

- US 201161540616 P 20110929
- US 2012058285 W 20121001

Abstract (en)

[origin: US2013081777A1] A system for monitoring the consumption of mold flux in a continuous casting apparatus including a transfer apparatus for transferring mold flux from a bulk source to an intermediate hopper; a feed control apparatus for controlling the transfer of mold flux from the transfer apparatus to the intermediate hopper, the feed control apparatus including at least one load cell for weighing the intermediate hopper and the mold flux within the intermediate hopper over a period of time, the feed control apparatus further including a controller receiving input from the at least one load cell and for controlling the operation of the transfer apparatus based on the input; and a delivery apparatus for receiving mold flux from the intermediate hopper and delivering the mold flux to a mold, the delivery apparatus pneumatically feeding the mold flux to the mold.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (application)

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