

Title (en)

SLAG LADLE FOR SEPARATION AND RECOVERY OF MOLTEN IRON FROM SLAG

Title (de)

SCHLACKENPFANNE ZUR TRENNUNG UND WIEDERGEWINNUNG VON EISENSCHMELZE AUS SCHLACKE

Title (fr)

POCHE À LAITIER POUR SÉPARER UNE FONTE LIQUIDE D'UN LAITIER ET LA RÉCUPÉRER

Publication

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Application

EP 12851043 A 20120927

Priority

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Abstract (en)

[origin: WO2013076732A2] In an implementation, an apparatus for separation and recovery of a molten metal (106) from a slag (108) includes a device (400) attached to a slag ladle (100). The device (400) having a lower edge (404) and free edge (402) is fitted over a part of the slag-ladle (100) holding the molten metal (106) and the slag (108). The device (400) acts as a barrier for the flow of molten iron (106) such that the slag (108) is allowed to flow over the device (400) while the molten metal (106) is retained in the slag-ladle (100). The device (400) has a sluice gate (406) and a chute (408) for indicating the flow of the slag (108) in the form of a pipe-like stream.

IPC 8 full level

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Citation (search report)

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- [A] FR 2691240 A1 19931119 - CLECIM SA [FR]
- [A] US 6488886 B1 20021203 - DAVIS DANIEL F [US]
- See references of WO 2013076732A2

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