Title (en)

CASTING PIPE CHANGING DEVICE AT THE SPOUT OF A METALLURGICAL VESSEL

Title (de)

GIESSROHRWECHSELVORRICHTUNG AM AUSGUSS EINES METALLURGISCHEN BEHÄLTERS

Title (fr)

DISPOSITIF DE CHANGEMENT D'UNE BUSETTE DE COULÉE DANS L'ORIFICE DE DÉCHARGE D'UN RÉCIPIENT MÉTALLURGIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2269751A1] The pouring nozzle comprises an elongated, tubular part (10), defining a lower part of a pouring channel (12) with a central longitudinal axis (L), a plate-like part (14), provided with a flow-through opening (16) between its surface (18) opposite the tubular part (10) and its section (20) adjacent said tubular part (10). As may be seen from figure (2) the flow-through opening (16) defines an upper part (12o) of the pouring channel (12). The peripheral area (22) between said surface (18) and said section (20) comprises four segments, namely two inclined bearing surfaces (24), opposite to each other, and two planar surface sections (26), arranged opposite and parallel to each other between said two distinct bearing surfaces (24). Each bearing surface (24) is curved with respect to the central longitudinal axis (L) of the pouring channel (12), as may be best seen from figure 3 . The curvature is therefore concave with respect to the central longitudinal axis (L) and in view of the opposite arrangement of the hearing surfaces (24) the said bearing surfaces are arranged inversely to each other.

IPC 8 full level

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CPC (source: EP KR US)

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