

Title (en)

Process to determine the melt level in an electric arc furnace

Title (de)

Verfahren zum Bestimmen der Höhe des Badspiegels eines Elektrolichtbogenofens

Title (fr)

Procédé pour mesurer la hauteur de la surface du bain métallique dans un four électrique à arc

Publication

EP 0981034 B1 20040121 (DE)

Application

EP 99115929 A 19990813

Priority

DE 19836844 A 19980814

Abstract (en)

[origin: EP0981034A1] The height of the bath mirror (8) is determined using calculated connection of the linear dimensions. The liner dimensions are measured in part directly, indirectly and preferably outside of the high temperature range of the electric arc oven (1). In the process of determining the height of the bath mirror of an electric arc oven (1), the electric arc oven (1) has an oven tank (2) with a slag door (13) and a height adjustable electrode support are (5) for at least a graphite electrode (4).

IPC 1-7

F27D 21/00; **F27B 3/28**; **F27D 3/15**; **F27B 3/19**

IPC 8 full level

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CPC (source: EP)

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Cited by

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