

Title (en)
FURNACE HAVING EVEN DISTRIBUTION OF GAS

Title (de)
OFEN MIT GLEICHMÄSSIGER GASVERTEILUNG

Title (fr)
FOUR PRÉSENTANT UNE DISTRIBUTION RÉGULIÈRE DE GAZ

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Application
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Abstract (en)
Provided is a reduction furnace reducing ore containing an iron oxide component, and including a charge feeding port 110 having a charge material introduced therethrough and a reducing gas intake port 170 having reducing gas injected therethrough, wherein the charge feeding port 110 is formed in an upper portion thereof and the reducing gas intake port 170 is installed in a bottom portion thereof. According to the present invention, since the reducing gas may be injected into the center of a lower portion of the reduction furnace, the reducing gas may be allowed to be uniformly distributed in the reduction furnace, and thus, a reduction rate of the charge material may be increased and reduction rates between particles of the charge material may be uniformized.

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