Title (en)
METHOD FOR HEATING PROCESS GASES FOR DIRECT REDUCTION PLANTS

Title (de)
VERFAHREN ZUM AUFHEIZEN VON PROZESSGASEN FÜR DIREKTREDUKTIONSANLAGEN

Title (fr)
PROCÉDÉ DE CHAUFFAGE DE GAZ DE PROCESS POUR INSTALLATIONS DE PRODUCTION DIRECTE

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Application
EP 13762102 A 20130910

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Abstract (en)
[origin: WO2014040997A1] The invention relates to a method for reducing iron ore using the direct reduction method, wherein the iron ore to be reduced is conducted through a reduction unit such as a shaft furnace and brought into contact with a reduction gas, wherein the reduction gas is introduced into the reduction unit and flows through the unit and is extracted from the unit after flowing through the unit, wherein after exiting the unit the gas is refined and where necessary enriched with new reduction gas fractions and fed back, wherein the reduction gas is heated before entering the reduction unit, characterised in that the heating of the reduction gas before entering the unit takes place electrically.

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US 2015259759 A1 20150917; US 2015259760 A1 20150917; US 2015329931 A1 20151119; WO 2014040989 A2 20140320;
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