

Title (en)

METHOD FOR INCREASING THE PENETRATION DEPTH OF AN OXYGEN STREAM

Title (de)

VERFAHREN ZUR ERHÖHUNG DER EINDRINGTIEFE EINES SAUERSTOFFSTRAHLES

Title (fr)

PROCÉDÉ POUR AUGMENTER LA PROFONDEUR DE PÉNÉTRATION D'UN JET D'OXYGÈNE

Publication

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Application

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Abstract (en)

[origin: WO2012025321A2] The invention relates to a method for increasing the penetration depth of an oxygen stream having a volume flow and a mass flow entering the bed of an iron ore production unit, preferably a melt reduction unit or melter gasifier or an oxygen-blowing furnace, said stream comprising technically pure oxygen for gasifying carbon carriers present in the bed, characterized in that the ratio of volume flow to mass flow of the oxygen stream is increased.

IPC 8 full level

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