Title (en)
METHOD AND DEVICE FOR FEEDING A GAS TO A METALLURGICAL VESSEL

Title (de)
VERFAHREN UND VORRICHTUNG ZUM KONTROLLIERTEN EINDÜSEN EINES GASES IN EIN METALLURGISCHES GEFÄSS

Title (fr)
PROCEDE ET DISPOSITIF PERMETTANT D'INTRODUIRE UN GAZ DANS UN RECIPIENT METALLURGIQUE

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Application
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Abstract (en)
[origin: WO0146479A1] The invention relates to a method for feeding a gas to a metallurgical vessel, the gas carrying a component in the gaseous and/or liquid state that can be condensed or evaporated. The gas is fed to the metallurgical vessel via one or more gas feeding devices. The gas speed is continuously increased in a first section in a number of gas feeding devices, and the gas is intimately mixed in a vortex zone with the components that can be condensed or evaporated. The gas speed is substantially maintained constant in a discharge section and the gas that is intimately mixed with the component carried along is blown into the metallurgical vessel. The invention also relates to a gas feeding device for carrying out the inventive method. The inventive method and the inventive gas feeding device allow prevention and/or reduction of nozzle damages.

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