Title (en)

METHODS AND DEVICE FOR DECARBONISING A STEEL MELT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ENTKOHLUNG EINER STAHLSCHMELZE

Title (fr)

PROCEDES ET DISPOSITIF DE DECARBURATION D'UNE FONTE D'ACIER

Publication

**EP 1530648 B1 20070530 (DE)**

Application

**EP 03792199 A 20030715**

Priority

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- EP 0307634 W 20030715

Abstract (en)

[origin: WO2004018714A1] The invention relates to methods and a device for decarbonising a steel melt (3) during the production of stainless steel in a metallurgical vessel (2), especially in a converter, whereby the steel melt (3) is treated with oxygen and optionally an inert gas, especially argon and/or nitrogen. During the decarbonisation of said steel melt (3) such that it has a carbon content of below 0.3 wt. %, oxygen and optionally inert gas, especially argon and/or nitrogen, are brought into contact therewith (3) by means of an opening beneath the surface of the steel melt (3) and a blowing device arranged above the surface of the steel melt (3).

IPC 8 full level

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