

Title (en)

METHOD FOR DEEP DECARBURISATION OF STEEL MELTS

Title (de)

VERFAHREN ZUR TIEFENTKOHLUNG VON STAHLSCHMELZEN

Title (fr)

PROCEDE POUR LA DECARBURATION PROFONDE D'ACIERS EN FUSION

Publication

EP 1476584 A1 20041117 (EN)

Application

EP 03742571 A 20030221

Priority

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Abstract (en)

[origin: WO03070990A1] A method for decarburisation of molten steel in a RH unit is characterised in that, beginning with the rise in CO released into the vacuum container (2) due to the natural decarburisation as a result of the oxygen dissolved in the steel bath and present in the system, a calculated amount of oxygen is introduced, dependent on the starting carbon content and the starting oxygen content of the melt, whereby a starting pressure for the beginning of the blowing process is calculated depending on the starting carbon content.

IPC 1-7

C21C 7/10

IPC 8 full level

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CPC (source: EP KR US)

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See references of WO 03070990A1

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EP 0301799 W 20030221; AU 2003210336 A 20030221; BR 0307897 A 20030221; CN 03809105 A 20030221; EP 03742571 A 20030221; JP 2003569881 A 20030221; KR 20047012963 A 20030221; US 50561004 A 20041014