

Title (en)

PROCESS FOR POST-COMBUSTION OF REACTION GASES PRODUCED DURING THE VACUUM PROCESSING OF STEEL AND APPARATUS FOR CARRING OUT THE PROCESS.

Title (de)

VERFAHREN ZUR NACHVERBRENNUNG VON BEI DER VAKUUMBEHANDLUNG VON STAHL ENTSTEHENDEN REAKTIONSGASEN UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS.

Title (fr)

PROCEDE DE POSTCOMBUSTION DE GAZ DE REACTION PRODUITS PENDANT LE TRAITEMENT SOUS VIDE DE L'ACIER ET DISPOSITIF POUR REALISER LE PROCEDE.

Publication

**EP 0832301 B1 19990324 (DE)**

Application

**EP 96919573 A 19960518**

Priority

- DE 9600902 W 19960518
- DE 19518900 A 19950526

Abstract (en)

[origin: DE19518900C1] The process for after-burning reaction gases which arise during decarbonisation of liq. steel in a reaction vessel under vacuum comprises bringing an air stream into the reaction vessel (10) via an opening (17) in the refractor lining, opposite to the direction of the flow of the process gas (15). Also claimed is an appts. for the process above, comprising a hot air generator which is connected to the reaction. Air is heated while passing through a filling of refractory heated spheres.

IPC 1-7

**C21C 7/10**

IPC 8 full level

**C21C 7/10** (2006.01)

CPC (source: EP KR US)

**C21C 7/10** (2013.01 - EP KR US); **F27D 17/001** (2013.01 - KR); **F27D 17/004** (2013.01 - KR); **C21C 2100/02** (2013.01 - KR); **F27D 2019/0015** (2013.01 - KR)

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**DE 19518900 A 19950526**; AU 5809896 A 19960518; CN 96195621 A 19960518; DE 9600902 W 19960518; EP 96919573 A 19960518; KR 19970708471 A 19971126; US 2956897 A 19971126