

Title (en)

LIQUID STEEL BATH REHEATING METHOD.

Title (de)

VERFAHREN ZUM WIEDERAUFHEIZEN EINES STAHLBADES.

Title (fr)

PROCEDE DE RECHAUFFAGE D'UN BAIN D'ACIER LIQUIDE.

Publication

EP 0536185 B1 19940427

Application

EP 91910980 A 19910628

Priority

- BE 9000673 A 19900629
- BE 9100044 W 19910628

Abstract (en)

[origin: WO9200391A1] A method for metallothermally reheating a liquid steel bath in a metallurgical container into which a metal fuel is placed and oxidizing and agitating gases are injected under its surface. A controllable flow resulting from the injection of agitating gas is generated in the bath by means of a device which is separate from the oxidizing gas injection device, and the metal fuel is inserted into said flow so that it comes into contact with said oxidizing gas.

IPC 1-7

C21C 7/00

IPC 8 full level

C21C 7/00 (2006.01); **C21C 7/04** (2006.01); **C21C 7/072** (2006.01)

CPC (source: EP US)

C21C 7/005 (2013.01 - EP US)

Designated contracting state (EPC)

AT DE ES FR GB IT LU NL SE

DOCDB simple family (publication)

WO 9200391 A1 19920109; AU 7994191 A 19920123; BE 1004483 A3 19921201; DE 69101839 D1 19940601; DE 69101839 T2 19940915; EP 0536185 A1 19930414; EP 0536185 B1 19940427; ES 2051594 T3 19940616; JP 2889901 B2 19990510; JP H05507966 A 19931111; PL 169724 B1 19960830; US 5316566 A 19940531

DOCDB simple family (application)

BE 9100044 W 19910628; AU 7994191 A 19910628; BE 9000673 A 19900629; DE 69101839 T 19910628; EP 91910980 A 19910628; ES 91910980 T 19910628; JP 51051091 A 19910628; PL 29736291 A 19910628; US 94982092 A 19921210