

Title (en)

METHOD FOR ALLOYING STEELS AND DEVICE FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM LEGIEREN VON STÄHLEN UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE POUR L'ALLIAGE D'ACIERS ET DISPOSITIF POUR L'EXECUTION DE CE PROCEDE

Publication

EP 1068364 B1 20011121 (DE)

Application

EP 99924705 A 19990327

Priority

- DE 9900932 W 19990327
- DE 19814748 A 19980402

Abstract (en)

[origin: US6383253B1] Alloying and/or reducing powder is pumped directly into the steel melt at a pressure of at least 20 bar, preferably at least 40 bar, with at most 20% of a fluidizing agent and the powder is discharged from the delivery line by a plunger extending across the cross section thereof.

IPC 1-7

C21C 7/00; **B65G 53/66**

IPC 8 full level

B65G 53/66 (2006.01); **C21C 7/00** (2006.01)

CPC (source: EP US)

C21C 7/0037 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

US 6383253 B1 20020507; AT E209260 T1 20011215; DE 19814748 A1 19991007; DE 59900687 D1 20020221; EP 1068364 A1 20010117; EP 1068364 B1 20011121; ES 2168015 T3 20020516; WO 9951785 A1 19991014

DOCDB simple family (application)

US 60155300 A 20000731; AT 99924705 T 19990327; DE 19814748 A 19980402; DE 59900687 T 19990327; DE 9900932 W 19990327; EP 99924705 A 19990327; ES 99924705 T 19990327