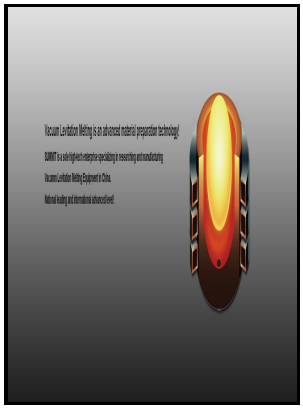
Vacuum induction melting of Ti-6AI-4V in a cold crucible

U.S. Dept. of the Interior, Bureau of Mines - INDUCTION MELTING PROCESS FOR TITANIUM SCRAP (Technical Report)



Description: -
-
Motion picture actors and actresses -- China -- Biography.
Liu, Xiaoqing, -- 1955-
Slag.
Vacuum metallurgy.
Titanium alloys -- Metallurgy.Vacuum induction melting of Ti-6AI-4V in a cold crucible
-
9211.
Report of investigations (United States. Bureau of Mines) ;
9211
Report of investigations ;Vacuum induction melting of Ti-6AI-4V in a cold crucible
Notes: Bibliography: p. 6.
This edition was published in 1988

Tags: #US8048365B2

NIOSHTIC

Proc Inst Mech Eng, Part L.

US8048365B2

The new state of Russia has been pursuing a rapprochement with the state of Israel since the late 1980's, during the leadership of Mikhail Gorbachev. Method and apparatus for making intermetallic castings 1993-07-08 1995-04-18 Precision Castparts Corporation Yttria-zirconia slurries and mold facecoats for casting reactive metals 1993-07-08 1995-11-07 Precision Castparts Corporation Yttria-zirconia slurries and mold facecoats for casting reactive metals 1997-01-07 2000-02-15 Precision Castparts Corp. Refractory composition and method for metal casting 1992-12-30 1994-04-05 Hitchiner Manufacturing Co.

Vacuum induction melting and solidification of TiAl

These results would provide the basis for designing a new refractory for the melting of titanium—copper alloy. However, significant differences between experimental results and those thermodynamic analysis results in the ZrO 2—12 wt% Y 2O 3 and CaO systems were identified.

Interface reaction during titanium alloys investment casting by residue gas in ceramic mold

Initially, the crucible mold can be fired to a temperature of from about 800Â° C.

Download & Streaming : Shimshon Ayzenberg's Internet Library : Internet Archive

Moreover, the crucibles herein can be heated rapidly without cracking during any of the melting, pouring, casting and cooling stages of the vacuum induction melting cycle. Ti—6Al—4V alloy was cast under vacuum by gravity casting through cold crucible induction melting CCIM method. Two

groups of shell molds were prepared by adding different kinds of pore formers, i.

US8048365B2

J Vac Sci Technol 7 6 :S144—S148. J Vac Sci Technol 9 6 :1351—1355. This topcoat can help further ensure that the crucible will remain inert with respect to the titanium alloy during melting.

Related Books

- Palabra de hereje - la inquisición de Sevilla ante el delito de proposiciones
- Best recipes of Berkshire chefs
- Colour harmony in dress
- Early history of Fort Payne and DeKalb County
- Experiences of a barrister