

Title (en)

Weldable cast nickel base superalloy.

Title (de)

Schweisssbare Superlegierung auf Nickelbasis für Gussstücke.

Title (fr)

Superaliage soudable à base de nickel pour pièces coulées.

Publication

EP 0225270 A2 19870610 (EN)

Application

EP 86630172 A 19861120

Priority

US 80198285 A 19851126

Abstract (en)

The weldability of Inconel 718 material is enhanced by careful control of silicon, columbium and carbon levels. Minimization of the sulfur, phosphorous and boron levels is also a part of the invention it serves to further minimize the microcracking in the heat affected zone which would otherwise be observed.

IPC 1-7

C22C 19/05

IPC 8 full level

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