

Title (en)

APPARATUS AND METHOD FOR WELDING DUPLEX STAINLESS STEEL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHWEISSEN VON DUPLEX-ROSTFREIEM STAHL

Title (fr)

APPAREIL ET PROCEDE PERMETTANT DE SOUDER DE L'ACIER INOXYDABLE DUPLEX

Publication

EP 1220731 A1 20020710 (EN)

Application

EP 00943125 A 20000623

Priority

- US 0017414 W 20000623
- US 15073899 P 19990825

Abstract (en)

[origin: WO0114094A1] Arc welding of duplex stainless steel tubing is accomplished using a non-pulsed electric arc and a high refractory weld flux. Weld beads, uniform throughout their lengths, and having a duplex phase structure and desirable profile are produced by single pass orbital welding, even if the wall thickness of the duplex tubing exceeds 2 mm.

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