

Title (en)

MODIFIED FRICTION STIR WELDING METHOD AND APPARATUS

Title (de)

MODIFIZIERTES DREHENDES REIBSCHWEISSVERFAHREN UND VORRICHTUNG

Title (fr)

PROCEDE ET DISPOSITIF MODIFIES DE SOUDAGE PAR FRICTION A MOUVEMENT CYCLIQUE

Publication

EP 1286804 A1 20030305 (EN)

Application

EP 00970326 A 20001018

Priority

- NO 0000343 W 20001018
- NO 995092 A 19991019

Abstract (en)

[origin: WO0128731A1] A modified friction stir welding method is used on axially rotating pin (1) moving along a predetermined circular path. The novel apparatus comprises at least one axially rotating pin (1) located eccentric in relation to the tool holder's vertical axis.

IPC 1-7

B23K 20/12

IPC 8 full level

B23K 20/12 (2006.01)

CPC (source: EP)

B23K 20/125 (2013.01); **B23K 20/1265** (2013.01)

Citation (search report)

See references of WO 0128731A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0128731 A1 20010426; AU 7972500 A 20010430; EP 1286804 A1 20030305; NO 995092 D0 19991019

DOCDB simple family (application)

NO 0000343 W 20001018; AU 7972500 A 20001018; EP 00970326 A 20001018; NO 995092 A 19991019