

Title (en)

METHOD AND DEVICE FOR AUTOMATICALLY WELDING PIPES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUTOMATISCHEN SCHWEISSEN VON RÖHREN

Title (fr)

PROCEDE ET DISPOSITIF POUR SOUDER AUTOMATIQUEMENT DES TUYAUTERIES

Publication

EP 0807003 A1 19971119 (FR)

Application

EP 95940920 A 19951220

Priority

- BE 9500117 W 19951220
- BE 9401186 A 19941229

Abstract (en)

[origin: WO9622856A1] A method for automatically welding parts consisting of a number of tubular members (2, 3, 4 and/or 5) cut out and welded together to form a pipe (1). A previously welded part is positioned and secured using a securing jaw. The part is suspended every time from its centre of gravity (G) using the securing jaw (50) and a cable (52) stretched between the two securing points, as well as a suspension joint (37), so that the part lifted by means of a lifting apparatus (39) can be moved about its centre of gravity (G). The previously welded part and a standardised spare part are then welded using a welding robot (30) along the contact line between the two tubular parts.

IPC 1-7

B23K 37/04

IPC 8 full level

B23K 37/04 (2006.01)

CPC (source: EP US)

B23K 37/0435 (2013.01 - EP US)

Citation (search report)

See references of WO 9622856A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)

WO 9622856 A1 19960801; BE 1009012 A4 19961001; EP 0807003 A1 19971119; US 5968384 A 19991019

DOCDB simple family (application)

BE 9500117 W 19951220; BE 9401186 A 19941229; EP 95940920 A 19951220; US 87505397 A 19970630