

Title (en)
WELDING METHOD AND WELDING DEVICE

Title (de)
SCHWEISSVERFAHREN UND SCHWEISSVORRICHTUNG

Title (fr)
PROCEDE DE SOUDAGE ET DISPOSITIF DE SOUDAGE

Publication
EP 1963043 A1 20080903 (DE)

Application
EP 06830251 A 20061130

Priority

- EP 2006069157 W 20061130
- EP 05027790 A 20051219
- EP 06830251 A 20061130

Abstract (en)
[origin: EP1797985A1] The method for welding components, comprises supplying welding additive material to a position (10) of a component to be repaired so that crack in the component is filled. The position to be repaired has a starting point at which the welding process begins on a separate initializing plate that adjoins at the starting point, and an ending point at which the process ends on a separate finalizing plate that adjoins at the ending point. The initializing plate is shifted during the process in a welding direction and at the same time shields the pre-existing welding area. An independent claim is included for a device for welding components.

IPC 8 full level
B23K 9/04 (2006.01)

CPC (source: EP US)
B23K 9/04 (2013.01 - EP US); **B23K 37/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2007071537A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1797985 A1 20070620; EP 1963043 A1 20080903; US 2009001065 A1 20090101; US 8158906 B2 20120417; WO 2007071537 A1 20070628

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EP 05027790 A 20051219; EP 06830251 A 20061130; EP 2006069157 W 20061130; US 8679805 A 20051219