

Title (en)

METHOD AND DEVICE FOR WELDING WITH WELDING BEAM CONTROL

Title (de)

SCHWEIBVERFAHREN UND -VORRICHTUNG MIT EINER STEUERUNG DES SCHWEIBSTRAHLS

Title (fr)

PROCEDE ET DISPOSITIF DE SOUDAGE A PILOTAGE DU FAISCEAU DE SOUDAGE

Publication

**EP 0921896 A1 19990616 (FR)**

Application

**EP 97936746 A 19970806**

Priority

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- FR 9610144 A 19960808

Abstract (en)

[origin: FR2752180A1] In a welding process two pieces placed end to end along an assembly joint to be welded with laser beam, the joint is continuously observed, by means of a camera (47) integral with the welding head (43), by moving together the welding head (43) and the camera (47) along the joint, the position of the joint for each position of the welding head (43) and camera (47) assembly along the joint is sensed, the impact of the welding beam is continuously observed, and its position is controlled to the sensed position of the joint, by displacing the welding head (43) and camera (47) assembly mutually perpendicular to the joint.

IPC 1-7

**B23K 26/04**

IPC 8 full level

**B23K 26/04** (2006.01); **B23K 26/10** (2006.01)

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Citation (search report)

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