Title (en)

DEVICE AND METHOD FOR AUTOMATIC UNDER-WATER WELDING FOR MAKING A WELDING JOINT ON A SURFACE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUTOMATISCHEN UNTERWASSER-SCHWEISSUNG ZUR HERSTELLUNG EINER SCHWEISSVERBINDUNG AUF EINER OBERFLÄCHE

Title (fr)

DISPOSITIF ET PROCEDE DE SOUDAGE AUTOMATIQUE SOUS EAU POUR LA REALISATION SUR UNE SURFACE D'UN JOINT A SOUDER

Publication

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Application

EP 07866451 A 20071026

Priority

- FR 2007001778 W 20071026
- FR 0609726 A 20061107

Abstract (en)

[origin: WO2008056062A2] The invention relates to a device for automatic under-water welding for making a welding joint (3) on a surface (2), of the type comprising a welding torch (20) including an electrode (21) surrounded by a protection envelope (23) that defines together with said electrode (21) an annular channel (24) connected to means for supplying a protection gas. The welding torch (20) is provided axially at the centre of a set (30) of two concentric envelopes (31, 32), one of which at least is capable of axial displacement and can be adjusted relative to said surface (2), said envelopes defining between them an annular gap (34) for injecting a flow for drying the welding area and keeping it away from the water.

IPC 8 full level

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CPC (source: EP KR US)

B23K 9/0061 (2013.01 - EP KR US); **B23K 9/164** (2013.01 - KR); **B23K 9/325** (2013.01 - EP KR US); Y10S 29/013 (2013.01 - KR)

Citation (search report)

See references of WO 2008056062A2

Citation (examination)

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