

Title (en)

Welding process for actuator for hydraulic valves

Title (de)

Schweißverfahren für Aktuator für Hydraulikventile

Title (fr)

Procédé de soudage pour actionneur de vannes hydrauliques

Publication

EP 2738779 B1 20150909 (EN)

Application

EP 13190698 A 20131029

Priority

IT MO20120296 A 20121128

Abstract (en)

[origin: EP2738779A1] The invention relates to a welding process for an actuator for hydraulic valves. The process is applied to actuators provided with a sleeve (1) which comprises a fixed core (2), a sliding jacket (5), inside which a mobile core (4) slides, and an amagnetic part (6) which realises the mechanical connection between the fixed core and the sliding jacket, and envisages: a first welding step to anchor the fixed core to the amagnetic part, carried out with the method of braze welding, in order to obtain a semi-processed part (7) made by joining the fixed core to the amagnetic part; a second welding step to anchor the semi-processed part to the sliding jacket, performed with the known method that allows localised welding, in an environment at room temperature, of the edges of the sliding jacket to the amagnetic part in order to obtain the complete sleeve.

IPC 8 full level

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CPC (source: EP)

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