

Title (en)

DEVICE FOR CLEANING THE CERAMIC GAS NOZZLES OF A WELDING TORCH

Title (de)

VORRICHTUNG ZUM REINIGEN DER KERAMIK-GASDÜSE EINES SCHWEISSBRENNERS

Title (fr)

DISPOSITIF POUR NETTOYER LA BUSE DE GAZ EN CÉRAMIQUE D'UN CHALUMEAU DE SOUDAGE

Publication

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Application

**EP 07857034 A 20071221**

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Abstract (en)

[origin: WO2008089835A1] The invention relates to a device for cleaning the ceramic gas nozzle (10) of a welding torch by means of cleaning elements that can be inserted in the ceramic gas nozzle (10). The ceramic gas nozzle (10) is placed into a cleaning position on the cleaning device, and is cleaned by the cleaning elements. Subsequently, the ceramic gas nozzle (10) is displaced from the cleaning position for further use. The cleaning elements comprise an arrangement of a plurality of oscillating brushes (12), the bristles of which brush off contaminations on the inside and outside wall regions (14) of the ceramic gas nozzle (10) in the cleaning position. The temperature of the gas nozzle must not exceed the maximum allowable temperature for the brushes during the cleaning process using the brushes. Use preferably with robot-controlled inert gas welding processes.

IPC 8 full level

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