

Title (en)

TIG BRAZE-WELDING WITH METAL TRANSFER IN DROPS AT A CONTROLLED FREQUENCY

Title (de)

WIG-LÖT-SCHWEISSUNG MIT METALLÜBERTRAGUNG IN TROPFENFORM MIT GESTEUERTER FREQUENZ

Title (fr)

SOUDO-BRASAGE TIG AVEC TRANSFERT DE METAL PAR GOUTTES A FREQUENCE CONTROLEE

Publication

**EP 2051831 A1 20090429 (FR)**

Application

**EP 07823570 A 20070712**

Priority

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Abstract (en)

[origin: WO2008015353A1] The invention relates to a braze-welding or arc-welding method using a TIG torch equipped with a non-consumable electrode (1) and a consumable filler wire (2) of a given diameter, wherein the transfer of metal to the welded joint occurs in successive droplets of molten metal deposited at a frequency of between 20 Hz and 90 Hz, and the size of said drops is between 1, 2 and 4 times the diameter of the consumable wire.

IPC 8 full level

**B23K 9/167** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008015353A1

Citation (examination)

EP 1736270 A1 20061227 - AIR LIQUIDE [FR], et al

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