

Title (en)

Cooling pipe for a plasma arc torch

Title (de)

Kühlrohr für einen Plasma-Lichtbogenbrenner

Title (fr)

Tuyau de refroidissement pour une torche à plasma d'arc

Publication

EP 2734015 B1 20161019 (DE)

Application

EP 13005830 A 20120507

Priority

- EP 13005830 A 20120507
- EP 12003596 A 20120507

Abstract (en)

[origin: EP2663167A1] The cooling pipe (4) has a hollow cylindrical electrode (1) that is provided with a central internal core whose front end is provided with an electrode core holder (12) in which an electrode core (11) is arranged. The hollow cylindrical cooling pipe is inserted into the internal core that forms a cooling channel (8) as a return in the intermediate space between the outer circumference of the internal core and the inner circumference of the electrode. A spacer (13) or space washer or wires or bar are provided on the inner side that faces the electrode core holder.

IPC 8 full level

H05H 1/34 (2006.01)

CPC (source: EP US)

H05H 1/28 (2013.01 - US); **H05H 1/34** (2013.01 - EP US); **H05H 1/3405** (2013.01 - US); **H05H 1/3436** (2021.05 - EP);
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