

Title (en)

COST EFFECTIVE CARTRIDGE FOR A PLASMA ARC TORCH

Title (de)

KOSTENGÜNSTIGE KARTUSCHE FÜR EINEN PLASMALICHTBOGENBRENNER

Title (fr)

CARTOUCHE RENTABLE POUR CHALUMEAU À ARC DE PLASMA

Publication

**EP 4223083 A1 20230809 (EN)**

Application

**EP 21794691 A 20210924**

Priority

- US 202017036921 A 20200929
- US 2021051944 W 20210924

Abstract (en)

[origin: WO2022072235A1] An adapter for a plasma arc torch comprising a torch body is provided. The adapter includes a body defining a longitudinal axis between a proximal end and a distal end and at least one protruding portion extending from the proximal end of the body. The at least one protruding portion is configured to be inserted into a cavity of the torch body to physically engage a switch inside of the cavity. The engagement of the switch is adapted to indicate installation of a consumable component in the plasma arc torch.

IPC 8 full level

**H05H 1/34** (2006.01); **H05H 1/38** (2006.01)

CPC (source: EP)

**H05H 1/34** (2013.01); **H05H 1/3447** (2021.05); **H05H 1/3468** (2021.05); **H05H 1/38** (2013.01)

Citation (search report)

See references of WO 2022072235A1

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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