

Title (en)

THREAD CONNECTION FOR A TORCH SYSTEM

Title (de)

GEWINDEANSCHLUSS FÜR EIN BRENNERSYSTEM

Title (fr)

RACCORD FILETÉ POUR SYSTÈME DE CHALUMEAU

Publication

EP 4319492 A2 20240207 (EN)

Application

EP 23216702 A 20180226

Priority

- US 201762464089 P 20170227
- EP 18712305 A 20180226
- US 2018019703 W 20180226

Abstract (en)

A connector component configured for coupling a consumable component to a plasma arc torch is provided. The connector component comprises a body having a proximal end and a distal end disposed along and defining a longitudinal axis. The connector component includes at least two engagement regions disposed radially about the longitudinal axis on a surface of the body. Each engagement region includes at least one engagement feature disposed on the surface of the body. The connector component also includes at least two free regions disposed radially about the longitudinal axis on the surface of the body. Each free region is radially located between a pair of the engagement regions and characterized by an absence of the engagement feature.

IPC 8 full level

H05H 1/34 (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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