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SIEWERT et al.(10) **Pub. No.: US 2022/0386445 A1**(43) **Pub. Date: Dec. 1, 2022**(54) **PLASMA ARC TORCH CONSUMABLE
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(57) **ABSTRACT**

A consumables holder assembly for a plasma arc torch having a torch head, the consumables holder assembly comprising a main body, a shielding cup which engages to the main body, a connection means which engages the main body to the torch head and consumable components including an electrode, a nozzle, a plasma gas distributor, a shielding gas distributor which are all positioned inside the shielding cup, wherein that the consumable holder assembly can be detached from the torch head together with the consumable components and the shielding cup as one unit, wherein the connection means comprises a mechanical attachment mechanism which is engageable with the torch head.

