

Title (en)
CUTTING TORCH NOZZLE WITH AN INTERNAL MIXTURE

Publication
EP 0177423 B1 19880914 (FR)

Application
EP 85401917 A 19851002

Priority
FR 8415154 A 19841003

Abstract (en)
[origin: US4653692A] This nozzle includes an outer case (1) and a core (2) which define in succession: a series of passageways (15) having a zone for the injection of fuel gas and comburent gas, a mixing zone of small section and a primary homogenization zone of larger section; an annular secondary homogenization zone (16) whose section is substantially equal to the total section of the preceding zone; a single acceleration passage (17) having a decreasing section; and a single outlet conduit (18) having a constant section. Application in oxyacetylene torches consuming a few cubic meters per hour acetylene.

IPC 1-7
F23D 14/52

IPC 8 full level
F23D 14/52 (2006.01)

CPC (source: EP US)
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