

Title (en)
Nozzle and cutting torch

Title (de)
Düse und Schneidbrenner

Title (fr)
Buse et chalumeau d'oxycoupage

Publication
EP 0605278 B1 20000202 (FR)

Application
EP 93403047 A 19931216

Priority
FR 9215823 A 19921229

Abstract (en)
[origin: EP0605278A1] The nozzle (8) consists of a concentric assembly of a central insert (9) which can be interchanged with ease, an intermediate insert (10) and a peripheral mounting unit (11). The intermediate insert (10) internally and externally defines rings of ducts for internal (40) and external (50) heating, which emerge around the profiled central cutting-oxygen duct (12) formed in the central insert (9), and it includes, at its rear end, at least two concentric transverse annular bearing zones (15, 16) which interact, when assembled, bearing in a leaktight manner with one transverse annular end face (5) in the torch body (1) onto which the nozzle (8) is attached. Application in particular to hot oxygen cutting or cold splitting.

IPC 1-7
F23D 14/54

IPC 8 full level
F23D 14/54 (2006.01)

CPC (source: EP)
F23D 14/54 (2013.01)

Cited by
DE10144179C1; DE10144177A1; DE10144177B4

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EP 0605278 A1 19940706; EP 0605278 B1 20000202; DE 69327782 D1 20000309; DE 69327782 T2 20000727; ES 2144449 T3 20000616; FR 2699989 A1 19940701; FR 2699989 B1 19950127

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