

Title (en)
Internal burner

Title (de)
Innenbrenner

Title (fr)
Brûleur intérieur

Publication
EP 1238711 B1 20081112 (DE)

Application
EP 02003519 A 20020215

Priority
DE 10111565 A 20010310

Abstract (en)
[origin: EP1238711A2] The electric arc device is used for spraying the inside surface of a cylindrical pipe. It has two pipes (1) carrying process gases. If two gases are used, they mix in a nozzle section (2) which has a large opening at right-angles to the gas pipes. Two gas pipes containing wire electrodes for the arc (3) are situated in the opening for the escaping process gases the ends may taper at an angle of 30 degrees. The tips of the electrodes are inclined toward each other and a cap with a small nozzle opening may be placed over the large opening.

IPC 8 full level
B05B 13/06 (2006.01); **B05B 7/22** (2006.01); **C23C 4/131** (2016.01); **C23C 4/16** (2016.01); **H05H 1/32** (2006.01); **H05H 1/42** (2006.01)

CPC (source: EP US)
B05B 7/224 (2013.01 - EP US); **B05B 13/0627** (2013.01 - EP US); **C23C 4/131** (2016.01 - EP US); **C23C 4/16** (2013.01 - EP US); **H05H 1/32** (2013.01 - EP US); **H05H 1/42** (2013.01 - EP US)

Cited by
EP1622728A4; DE102019005421A1; DE102008004607A1; DE102017120397A1; WO2019048431A1

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DE FR GB IT

DOCDB simple family (publication)
EP 1238711 A2 20020911; **EP 1238711 A3 20060201**; **EP 1238711 B1 20081112**; DE 10111565 A1 20020926; DE 10111565 C2 20030130; DE 10111565 C5 20050721; DE 50212998 D1 20081224; JP 2002322552 A 20021108; JP 3496012 B2 20040209; US 2002130109 A1 20020919; US 6667460 B2 20031223

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