

Title (en)

PREMIX BURNER WITH CURVED IMPERMEABLE END CAP

Title (de)

VORMISCHBRENNER MIT GEKRÜMMTER, UN DURCHLÄSSIGER ENDKAPPE

Title (fr)

BRULEUR A PREMELANGE PRESENTANT UN CAPUCHON D'EXTREMITE IMPERMEABLE COURBE

Publication

EP 1337789 B1 20041201 (EN)

Application

EP 01998769 A 20011108

Priority

- EP 01998769 A 20011108
- EP 0113700 W 20011108
- EP 00204306 A 20001201

Abstract (en)

[origin: WO0244618A1] The invention relates to a premix burner comprising a tubular burner body and an impermeable end cap. The impermeable end cap, which closes the tubular burner body, is welded to said tubular burner body. The impermeable end cap is, according to the present invention, is at least partially curved, each point of the impermeable end cap surface having a bending radius R and a material thickness T, said each R being larger than 3xT.

IPC 1-7

F23D 14/02

IPC 8 full level

F23D 14/02 (2006.01)

CPC (source: EP)

F23D 14/02 (2013.01); **F23D 2203/1012** (2013.01); **F23D 2211/00** (2013.01); **F23D 2213/00** (2013.01)

Cited by

EP3568635A4; IT201800002958A1; US9840430B2; US9731990B2; US9676644B2; US10654740B2; US11623887B2; USRE46462E; US10131563B2; US10322960B2; US10392285B2; US10837705B2; USRE46896E; US10670261B2; US10041666B2; US10858278B2; US10955132B2; US9776903B2; US10081563B2; US10144666B2; US10196294B2; US10435320B2; US9676652B2; US9776901B2; US9957184B2; US9982884B2; US10081565B2; US10472268B2; US11142476B2; US9751792B2; US9815726B2; US10246362B2; US10442717B2; US10793459B2; US11378273B2; US11613488B2; WO2011069839A1; US9650277B2; US9777922B2; US10183884B2; US10233105B2; US10618830B2; US11186510B2; WO2013107661A2; US9926219B2; US10301208B2; US10337732B2; US11233484B2; US11248787B2; US11396470B2; EP2510281B1; WO2009077505A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0244618 A1 20020606; AT E284005 T1 20041215; AU 2072502 A 20020611; DE 60107597 D1 20050105; DE 60107597 T2 20051208; EP 1337789 A1 20030827; EP 1337789 B1 20041201

DOCDB simple family (application)

EP 0113700 W 20011108; AT 01998769 T 20011108; AU 2072502 A 20011108; DE 60107597 T 20011108; EP 01998769 A 20011108