

Title (en)

APPARATUS FOR IONIZING A MATERIAL BY HIGH-TEMPERATURE HEATING

Publication

EP 0104973 B1 19870527 (FR)

Application

EP 83401692 A 19830822

Priority

FR 8214774 A 19820830

Abstract (en)

[origin: US4595835A] Device for ionizing a material, comprising a tube open at its two ends, and wherein first end of the tube is heated to a temperature permitting the ionization of the material, the second end of the tube being kept at a relatively low temperature, so as to produce a temperature gradient between the ends of the tube and wherein the material is introduced into the tube by the second end thereof, whereat the ionization of the material is also checked.

IPC 1-7

H01J 49/16

IPC 8 full level

G01N 27/62 (2006.01); **H01J 49/04** (2006.01); **H01J 49/10** (2006.01); **H01J 49/16** (2006.01)

CPC (source: EP US)

H01J 49/16 (2013.01 - EP US)

Designated contracting state (EPC)

BE DE GB

DOCDB simple family (publication)

FR 2532470 A1 19840302; FR 2532470 B1 19850517; DE 3371836 D1 19870702; EP 0104973 A1 19840404; EP 0104973 B1 19870527; JP S5963651 A 19840411; US 4595835 A 19860617

DOCDB simple family (application)

FR 8214774 A 19820830; DE 3371836 T 19830822; EP 83401692 A 19830822; JP 15770483 A 19830829; US 52482883 A 19830819