

Title (en)

Capillary nebulizer.

Title (de)

Kapillar-Vernebelungsvorrichtung.

Title (fr)

Dispositif atomiseur capillaire.

Publication

EP 0430359 A1 19910605 (EN)

Application

EP 90203093 A 19901123

Priority

NL 8902921 A 19891127

Abstract (en)

A nebulizer for forming an aerosol for material analysis is composed of a gas supply capillary (10) and a gas supply capillary system (2) arranged relative to each other. The liquid supply capillary system (4) comprises one or more single or composite capillaries (22), which merge into surfaces (15) of a truncated supporting cone of the capillary tube. At a side facing the gas supply capillary, the cone is truncated in a guide surface which either is directed substantially transversely to the capillary axes or extends substantially parallel thereto and has a diameter of, for example, 0.25 to 0.5 mm. Preferably, the relative positioning of the outlet opening of the gas supply capillary and the guide surface is readjustable. <IMAGE>

IPC 1-7

B05B 1/26; **B05B 7/02**

IPC 8 full level

B05B 1/26 (2006.01); **B05B 7/08** (2006.01); **G01N 1/28** (2006.01); **G01N 21/01** (2006.01)

CPC (source: EP)

B05B 1/265 (2013.01); **B05B 7/0807** (2013.01)

Citation (search report)

- [X] DE 1475166 A1 19690313 - MEDIZINTECHNIK LEIPZIG VEB
- [A] EP 0146517 A2 19850626 - ARBORELIUS MANS JR

Cited by

US5996576A; WO9711783A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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DOCDB simple family (application)

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