

Title (en)
Exposure apparatus

Title (de)
Expositionsgerät

Title (fr)
Appareil d'exposition

Publication
EP 2095791 A1 20090902 (EN)

Application
EP 08250701 A 20080229

Priority
EP 08250701 A 20080229

Abstract (en)
There is provided apparatus for exposing the nose of at least one animal to flow of gaseous material. The apparatus comprises an inner manifold and an outer manifold. The inner manifold has an inlet for gaseous material. The outer manifold surrounds the inner manifold and has an outlet for gaseous material. The apparatus also comprises at least one exposure site comprising an opening in the inner manifold and an opening in the outer manifold and an exposure tube suitable for housing an animal, located at one or more of the exposure sites. The exposure tube passes through the opening in the outer manifold and the opening in the inner manifold, extends at least partially into the inner manifold and is supported by the outer manifold and the inner manifold. The exposure tube comprises an exposure inlet in a portion of the exposure tube in the inner manifold and an exposure outlet in a portion of the exposure tube in the outer manifold. Gaseous material flows into the inner manifold via the inlet, flows into each exposure tube via the exposure inlet, flows out of each exposure tube via the exposure outlet and flows out of the outer manifold via the outlet.

IPC 8 full level
A01K 1/03 (2006.01); **A61D 7/04** (2006.01)

CPC (source: EP)
A01K 1/031 (2013.01); **A61D 7/04** (2013.01)

Citation (applicant)
• US 4721060 A 19880126 - CANNON WILLIAM C [US], et al
• J PAULUHN: "Validation of an Improved Nose-Only Exposure System for Rodents", JOURNAL OF APPLIED TOXICOLOGY, vol. 14, no. 1, 1994, pages 55 - 62

Citation (search report)
• [DXY] US 4721060 A 19880126 - CANNON WILLIAM C [US], et al
• [X] US 5297502 A 19940329 - JAEGER RUDOLF J [US]
• [XY] US 4520808 A 19850604 - LABAUVE RAPHAEL J [US]
• [X] US 4479493 A 19841030 - BUNG RICHARD [DE], et al
• [X] US 4841982 A 19890627 - NIKIFOROV ANDREY [US], et al

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CN105476728A; US10646320B1; US10632271B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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WO 2009106349 A8 20101118; WO 2009106349 A8 20110303

DOCDB simple family (application)
EP 08250701 A 20080229; CN 200980106882 A 20090227; EP 09716169 A 20090227; EP 2009001426 W 20090227