

Title (en)
APPARATUS FOR TREATING AIR

Title (de)
VORRICHTUNG ZUR LUFTBEHANDLUNG

Title (fr)
APPAREIL DE TRAITEMENT DE L'AIR

Publication
EP 3829661 A1 20210609 (EN)

Application
EP 19759753 A 20190801

Priority
• IT 201800007762 A 20180802
• IB 2019056563 W 20190801

Abstract (en)
[origin: WO2020026183A1] An apparatus (1) for treating air, comprising a plurality of treatment devices (10) for treating an air stream travelling therethrough, an extraction device (11) for extracting air from an environment and generating an air flow along a treatment path (P) that passes through the treatment devices of said plurality of treatment devices (10) and releasing treated air into said environment, wherein said plurality of treatment devices comprises at least one ultraviolet lamp (21) for irradiating said air and reducing the bacterial load thereof, a filtration unit (30) for filtering said air and reducing the particulate content thereof, which is arranged downstream of said ultraviolet lamp (21) along said treatment path (P), and a generator (35) for generating silver ions and introducing them into said air, said generator (35) being arranged downstream of said filtration unit (30).

IPC 8 full level
A61L 9/20 (2006.01); **A61L 9/014** (2006.01); **A61L 9/18** (2006.01); **A61L 9/22** (2006.01)

CPC (source: EP)
A61L 9/18 (2013.01); **A61L 9/20** (2013.01); **A61L 9/22** (2013.01); **A61L 9/014** (2013.01); **A61L 2209/14** (2013.01)

Citation (search report)
See references of WO 2020026183A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020026183 A1 20200206; CN 112739388 A 20210430; CN 112739388 B 20230707; EP 3829661 A1 20210609; IT 201800007762 A1 20200202

DOCDB simple family (application)
IB 2019056563 W 20190801; CN 201980059189 A 20190801; EP 19759753 A 20190801; IT 201800007762 A 20180802