

Title (en)
NEGATIVE ION AIR PURIFIER

Title (de)
LUFTREINIGER MIT NEGATIVEN IONEN

Title (fr)
PURIFICATEUR D'AIR PAR IONS NÉGATIFS

Publication
EP 3048380 A4 20160810 (EN)

Application
EP 13893323 A 20131112

Priority
• CN 201310423125 A 20130916
• CN 2013086937 W 20131112

Abstract (en)
[origin: EP3048380A1] A negative ionizer air purifier is provided. The negative ionizer air purifier includes a housing and at least two discharge terminals. The housing is defined with at least two receiving holes corresponding to the discharge terminals each disposed through the corresponding receiving hole, and is hollowed out at the periphery of each discharge terminal and at the part between the discharge terminals. By the present disclosure, the discharge terminals can be effectively electrically separated, such that the short circuit between the discharge terminals caused by the carbon, produced from the decomposition of the carbon dioxide in the surrounding air and attached to the surface of the housing, can be avoided.

IPC 8 full level
B03C 3/82 (2006.01); **F24F 8/30** (2021.01); **B03C 3/32** (2006.01); **B03C 3/34** (2006.01); **B03C 3/38** (2006.01); **B03C 3/41** (2006.01); **B03C 3/66** (2006.01); **H01T 23/00** (2006.01); **A61L 9/22** (2006.01); **B03C 3/36** (2006.01); **H01T 19/04** (2006.01)

CPC (source: CN EP US)
B03C 3/32 (2013.01 - EP); **B03C 3/368** (2013.01 - EP); **B03C 3/38** (2013.01 - EP); **B03C 3/41** (2013.01 - CN EP); **B03C 3/66** (2013.01 - EP); **B03C 3/68** (2013.01 - CN); **B03C 3/82** (2013.01 - EP); **F24F 8/30** (2021.01 - CN EP US); **F24F 13/20** (2013.01 - CN); **H01T 23/00** (2013.01 - EP); **B03C 2201/10** (2013.01 - EP)

Citation (search report)
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• [A] US 4376642 A 19830315 - VERITY NIGEL C [CA]
• [A] EP 1279439 A2 20030129 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [A] EP 0048102 A1 19820324 - PENNY & GILES POTENTIOMETERS L [GB]
• See references of WO 2015035698A1

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

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EP 13893323 A 20131112; CN 2013086937 W 20131112; CN 201310423125 A 20130916