

Title (en)
Air ionization devices.

Title (de)
Luftionisierungsrichtungen.

Title (fr)
Dispositifs d'ionisation d'air.

Publication
EP 0048102 A1 19820324 (EN)

Application
EP 81303932 A 19810827

Priority
GB 8029357 A 19800911

Abstract (en)
An air ionization device for generating negative ions comprises an electrode (14), and a circuit including a transformer (5) and voltage-doubler rectifier circuits (7,8) for producing from a relatively low voltage source (1,2) a negative voltage for application to said electrode (14) of sufficient magnitude to cause a corona discharge and produce negative ions at said electrode (14), said electrode (14) being formed of carbon fibre filaments (16).

IPC 1-7
H01T 20/02

IPC 8 full level
H01T 23/00 (2006.01)

CPC (source: EP)
H01T 23/00 (2013.01)

Citation (search report)
• US 4096544 A 19780620 - IGNATJEV VLADIMIR
• US 3873835 A 19750325 - IGNATJEV VLADIMIR
• FR 2270700 A1 19751205 - BRETON JACQUES [FR]
• US 3263102 A 19660726 - TRUST COMPANY WACHOVIA BANK AN
• Elektor, Vol. 3, No. 10, October 1977, Canterbury, GB "Ioniser", pages 35-37 * page 35, 2nd column, line 48 - page 37, 1st column, line 20; figure 1 *

Cited by
GB2141589A; EP3048381A4; US4719535A; GB2120864A; EP3048380A4; EP0212379A3; GB2136215A; FR3072891A1; EP1605565A1; JP2017050183A; KR20170105091A; CN107925223A; US10910186B2; US11510406B2; WO9219030A1; WO2017038111A1; WO2019081580A1; US10748733B2

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BE DE FR GB IT NL SE

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