

Title (en)

APPARATUS AND METHOD FOR CLEANING CONTAMINATED AIR

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REINIGUNG VON KONTAMINierter LUFT

Title (fr)

DISPOSITIF ET PROCEDE DESTINES A L'EPURATION DE L'AIR VICIE

Publication

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Application

EP 04762927 A 20041015

Priority

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Abstract (en)

[origin: WO2005037409A1] An apparatus and method serves for cleaning contaminated air. The apparatus (1) comprises a house (2) with an inlet - and outlet opening (3,4), respectively for allowing the contaminated air to flow in and out of the house (2). Said house comprises, a first section (5) with a first source of ultraviolet light (6) for generating ozone, and a second section (7) with a second source of ultraviolet light (8) for decomposing ozone. A fan 11 forces the contaminated air to flow through the first section where the air is cleaned and subsequently through the second section where residual ozon is decomposed. The apparatus provides in an efficient and simple way purification of contaminated air while at the same time ensuring that no ozone is discharged to the surroundings

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