

Title (en)  
DEVICE ESPECIALLY FOR VENTILATION OF NITRIC OXIDE IN THE PARANASAL SINUSES AND THE SUPPRESSION OF DISEASES OF THE UPPER RESPIRATORY TRACT

Title (de)  
VORRICHTUNG, INSBESONDERE ZUR VENTILATION VON STICKSTOFFMONOXID IN DEN NASENNEBENHÖHLEN UND ZUR UNTERDRÜCKUNG VON KRANKHEITEN DER OBEREN ATEMWEGE

Title (fr)  
DISPOSITIF CONCU SPECIALEMENT POUR LA VENTILATION DE L'OXYDE NITRIQUE DANS LES SINUS PARANASaux ET LA SUPPRESSION DE MALADIES DES VOIES RESPIRATOIRES SUPERIEURES

Publication  
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Application  
**EP 10710630 A 20100202**

Priority  
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• HU P0900181 A 20090328

Abstract (en)  
[origin: WO2010113046A1] Device especially for the ventilation of nitric oxide in the paranasal sinuses and to suppress disorders of the upper respiratory tract, comprising housing (16); vibration generator (11) configured in housing (16); energy supply unit (17) in communication with vibration generator (11); vibration transmitter (19) in mechanical/physical contact with vibration generator (11), partly configured in housing (16). Its vibration transmitter (19) is designed as a unit that prevents the transmission of vibrations below a pre-set bottom value to the human body; the treatment unit of vibration transmitter (19) in engagement with the human body is designed as treatment unit vibrating at a frequency with a pre-set upper threshold limit, and its vibration generator (11) is designed as a unit which produces at least ten vibrations which increase from the bottom value to the ceiling value and decrease from the ceiling value to the bottom value over 30 s. The proposed device is preferably suitable for the treatment and diagnosis of diseases of the lower and the upper respiratory tracts and the pulmonary circulation, respectively, such as, for example, rhinitis, rhinosinusitis, nose congestion, common cold, flu, bronchitis, bronchus contractions, asthma and chronic obstructive pulmonary disease (COPD) of various origins.

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