

Title (en)  
SENSOR ARRANGEMENT, MEDICAL APPARATUS, EXHALATION VALVE, AND METHOD FOR DETERMINING A CARBON DIOXIDE CONCENTRATION IN A MEASUREMENT GAS

Title (de)  
SENSORANORDNUNG, MEDIZINGERÄT, EXPIRATIONSVENTIL UND VERFAHREN ZUM ERMITTELN EINER KOHLENSTOFFDIOXIDKONZENTRATION IN EINEM MESSGAS

Title (fr)  
SYSTÈME DE DÉTECTION, APPAREIL MÉDICAL, SOUPE D'EXPIRATION ET PROCÉDÉ POUR DÉTERMINER UNE CONCENTRATION EN DIOXYDE DE CARBONE D'UN GAZ DE MESURE

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Abstract (en)  
[origin: WO2022002824A2] The present invention relates to a sensor arrangement (10) for a medical apparatus (12), having a sensor unit (11) for determining a carbon dioxide concentration in measurement gas, a branch line (14) for diverting the measurement gas from a main line (15) of the medical apparatus (12) and for conveying the diverted measurement gas to the sensor unit (11), and at least one HME filter (16, 17) for filtering the diverted measurement gas. The invention further relates to a medical apparatus (12) having a sensor arrangement (10) according to the invention, an exhalation valve (25) for a medical apparatus (12) according to the invention, and a method for determining a carbon dioxide concentration.

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