

Title (en)  
SENSOR ARRANGEMENT

Title (de)  
SENSORANORDNUNG

Title (fr)  
ENSEMBLE DE CAPTEURS

Publication  
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Application  
**EP 16724678 A 20160525**

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Abstract (en)  
[origin: WO2016189053A1] The invention relates to a sensor arrangement (10) and to a method for ascertaining the content of a material within a measured object, in particular within a body part from which steam or vapor containing a material is continuously exiting, comprising a measuring chamber (3) which delimits a region of the surface of the measured object. The invention is characterized in that - the sensor arrangement (10) comprises a moisture sensor (2), said moisture sensor (2) being arranged such that the moisture within the measuring chamber (3) can be measured, - the sensor arrangement (10) comprises at least one additional sensor (4) for detecting the content of at least one material within the measuring chamber (3), - a processing unit (40) connected downstream of the moisture sensor (2) and the sensor (4) is provided, said processing unit being supplied with the detected measurement values of the sensor (4) and the moisture sensor (2), and - the processing unit (40) ascertains the content of the material within the measured object, wherein the processing unit relates the ascertained content of the material in the measuring chamber (3) to the moisture ascertained in the measuring chamber (3).

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