

Title (en)  
RESISTIVE ELEMENT AND CALIBRATED AIR TUBE FOR SPIROMETER

Title (de)  
WIDERSTANDSELEMENT UND GEEICHTE LUFTLEITUNG ZUR SPIROMETRIE

Title (fr)  
ELEMENT RESISTIF ET TUBE D'AIR ETALONNE POUR SPIROMETRE

Publication  
**EP 1003418 A4 20000531 (EN)**

Application  
**EP 97931087 A 19970609**

Priority  

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- US 67019296 A 19960621

Abstract (en)  
[origin: WO9748338A1] The present air tube, preferably calibrated air tube, includes resistive element (22) which is located in the hollow space of the tubular portion (12). This resistive element (22) is adapted for providing a linear resistance versus pressure response, and is sized and adapted to cause a pressure difference or differential as air flows in the hollow space across this element. The preferred calibrated air tube has a pressure response, is useful in a spirometer, and includes a tubular member. Calibration information is associated with the air tube to a model pressure response of a model air tube having substantially the same dimensions and configurations as the air tube.

IPC 1-7  
**A61B 5/08; A61B 5/087**

IPC 8 full level  
**A61B 5/087** (2006.01); **A61B 5/091** (2006.01); **A61B 5/097** (2006.01)

CPC (source: EP)  
**A61B 5/0876** (2013.01)

Citation (search report)  

- [XA] DE 4325789 A1 19950202 - ZAN MESGERAETE GMBH I G [DE]
- [A] GB 2185112 A 19870708 - MORGAN LTD P K
- See references of WO 9748338A1

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