

Title (en)
SPIROMETER BREATHING TUBE

Title (de)
ATEMROHR FÜR SPIROMETER

Title (fr)
TUBE RESPIRATOIRE DE SPIROMETRE

Publication
EP 1014854 A1 20000705 (EN)

Application
EP 98906530 A 19980219

Priority
• US 9803118 W 19980219
• US 3796097 P 19970220

Abstract (en)
[origin: WO9836687A1] A lightweight and portable volumetric spirometer (10) for measuring the volume and flow rate of air inhaled by human lungs. The spirometer (10) includes a pair of transparent cylindrical chambers (14, 16) which communicate with a breathing assembly tube (36). The breathing tube assembly (36) is uniquely adapted to divide inhaled air into two fixed portions, one portion of which comes from the first chamber (14) and the other portion of which comes from the second chamber (16). The breathing tube (36) is collapsible to shorten its overall length to approximately the height of the spirometer (10) and can be packaged with the spirometer (10) adjacent a carrying handle (20) thereof. When in use, the breathing tube (36) may be extended to approximately three times its collapsed length. The preferred accordion design of the breathing tube (36) also allows it to be adjusted by the user to any preferred configuration.

IPC 1-7
A61B 5/08; **A61M 16/00**

IPC 8 full level
A61B 5/087 (2006.01); **A61B 5/091** (2006.01); **A61B 5/093** (2006.01); **A61B 5/097** (2006.01); **A61M 16/06** (2006.01)

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