

Title (en)

Training device for the respiratory system and method of control for the supply of fresh air

Title (de)

Trainingsgerät für die Atmungsfunktion und Verfahren zur Überwachung der Frischluftzufuhr

Title (fr)

Appareil d'entraînement de la fonction respiratoire et procédé de commande d'admission d'air frais

Publication

EP 1377347 B1 20070502 (DE)

Application

EP 02708122 A 20020408

Priority

- CH 0200194 W 20020408
- CH 6732001 A 20010410

Abstract (en)

[origin: US2004146842A1] The respiratory training device comprises a shell housing (1) with a detachable respiratory air channel (2) connected therewith, a mouthpiece (3), an air bag (5) and a control device (14). In the respiratory air channel (2) a valve configuration is installed and specifically a piston valve. This piston valve is equipped with a valve body, which is freely movable and does not have a fixed connection to the respiratory air channel (2). In the housing part (1) and/or in the housing of the valve configuration force-generating means are available, which retain the valve body in the sealing position and determine the necessary opening forces for the valve. All parts, which are in contact with respiratory air, can be removed and cleaned simply.

IPC 8 full level

A63B 23/18 (2006.01); **A63B 21/00** (2006.01)

CPC (source: EP US)

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Cited by

WO2018073531A1; US8118713B2; US8663069B2; US8161966B2; US8758202B2

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WO 02081034 A2 20021017; **WO 02081034 A3 20030109**; AT E361128 T1 20070515; AU 2002242574 A1 20021021; CN 1254288 C 20060503; CN 1501830 A 20040602; DE 50210073 D1 20070614; EP 1377347 A2 20040107; EP 1377347 B1 20070502; ES 2284824 T3 20071116; JP 2004521698 A 20040722; JP 3992620 B2 20071017; US 2004146842 A1 20040729

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