

Title (en)

Cartridge for heating breathable air in a training breathing apparatus

Title (de)

Heizpatrone zum Erhitzen von Atemluft in einem Trainingsatemgerät

Title (fr)

Cartouche pour chauffer de l'air respirable dans un appareil d'apprentissage respiratoire

Publication

**EP 2163278 B1 20150128 (DE)**

Application

**EP 09169530 A 20090904**

Priority

DE 102008041938 A 20080910

Abstract (en)

[origin: EP2163278A1] The heating cartridge (9) has air treatment chambers (6-8), and a heat-generating material (2) provided in an interior of one of the air treatment chambers (7). The heat-generating material is granular potassium superoxide. Temperature of 40 to 60 degrees Celsius is produced during breathing within a period of 5 to 40 minutes, where only inhaled surrounding air flows through the heating cartridge. An independent claim is also included for a method for heating breathable air in a training breathing apparatus.

IPC 8 full level

**A62B 9/00** (2006.01); **A62B 99/00** (2009.01)

CPC (source: EP)

**A62B 9/003** (2013.01); **A62B 99/00** (2013.01)

Cited by

CN115282514A; US11813486B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2163278 A1 20100317; EP 2163278 B1 20150128**; DE 102008041938 A1 20100318; DE 102008041938 B4 20130529

DOCDB simple family (application)

**EP 09169530 A 20090904**; DE 102008041938 A 20080910