

Title (en)

Proces for producing a breathing protection filter and mould comprising a pressed mixture

Title (de)

Verfahren zur Herstellung eines Atemschutzfilters und Form mit verpresster Mischung

Title (fr)

Procédé pour la production d'un filtre de protection respiratoire et moule comprenant un mélange pressé

Publication

EP 1149605 B1 20060301 (DE)

Application

EP 01250098 A 20010320

Priority

DE 10021582 A 20000427

Abstract (en)

[origin: EP1149605A1] Producing a protective respiration filter, involves mixing of adsorptive, absorptive, chemisorptive or catalytic materials, in particular, activated carbon, with one or more meltable polymers and heating of this mixture under pressure. The heating process takes place in a connector element of an individual respiration filter or a fan filter, or in a connector element of adapters of such filters, and results in an airtight joint being formed between the pressed filter material and its container. An Independent claim is also included for an apparatus for implementation of the proposed method.

IPC 8 full level

A62B 23/00 (2006.01); **A62B 23/02** (2006.01); **A62B 7/10** (2006.01); **B01D 39/00** (2006.01); **B01D 39/14** (2006.01); **B01D 53/04** (2006.01); **F02M 35/024** (2006.01)

CPC (source: EP US)

A62B 7/10 (2013.01 - EP US); **A62B 23/02** (2013.01 - EP US); **Y10S 264/48** (2013.01 - EP US)

Cited by

CN105031846A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1149605 A1 20011031; **EP 1149605 B1 20060301**; AT E318648 T1 20060315; AU 3880701 A 20011101; AU 749889 B2 20020704; CA 2343858 A1 20011027; CA 2343858 C 20061024; DE 10021582 A1 20011108; DE 10021582 B4 20040715; DE 50109070 D1 20060427; JP 2002001025 A 20020108; JP 3580364 B2 20041020; US 2002000229 A1 20020103; US 7288223 B2 20071030

DOCDB simple family (application)

EP 01250098 A 20010320; AT 01250098 T 20010320; AU 3880701 A 20010423; CA 2343858 A 20010412; DE 10021582 A 20000427; DE 50109070 T 20010320; JP 2001115120 A 20010413; US 83749901 A 20010418