

Title (en)

PROTECTIVE RESPIRATOR WITH SHIELD ATTACHMENTS

Title (de)

ATEMSCHUTZMASKE MIT VORSATZSCHEIBEN

Title (fr)

MASQUE DE PROTECTION RESPIRATOIRE POURVU D'ECRANS

Publication

**EP 1439887 A1 20040728 (DE)**

Application

**EP 02776730 A 20020920**

Priority

- DE 0203639 W 20020920
- DE 10154683 A 20011029

Abstract (en)

[origin: WO03037439A1] The invention concerns a respirator whereof the lenses (5) can be covered with a light-absorbing shield (5). On the opposite sides of a lens are formed first (7) and second (8) snap-fit hooks, as well as a stop ridge (6), in a corner zone (3), which constitutes a guiding cavity (4). The outer periphery and the curvature of the lens and of the shield are identical. The shield (5), which is elastic in flexion, is mounted by being first fixed into the guiding cavity (4) and to the first snap-fit hook (7). Then, it is locked on the opposite side of the shield, after being subjected to an elastic flexion, beneath the second snap-fit hook (8). The shield system has a simple design and is inexpensive while having a reduced height. The system is easily mounted.

IPC 1-7

**A62B 18/08**

IPC 8 full level

**A62B 18/08** (2006.01)

CPC (source: EP US)

**A62B 18/082** (2013.01 - EP US)

Citation (search report)

See references of WO 03037439A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 03037439 A1 20030508**; AT E299036 T1 20050715; DE 10154683 A1 20030515; DE 10154683 B4 20050714; DE 50203591 D1 20050811;  
EP 1439887 A1 20040728; EP 1439887 B1 20050706; US 2005060794 A1 20050324; US 7293560 B2 20071113

DOCDB simple family (application)

**DE 0203639 W 20020920**; AT 02776730 T 20020920; DE 10154683 A 20011029; DE 50203591 T 20020920; EP 02776730 A 20020920;  
US 49402304 A 20041015