

Title (en)
Breathing mask with exhalation valve

Title (de)
Atemschutzmaske mit Ausatemventil

Title (fr)
Masque respiratoire avec valve d'expiration

Publication
EP 1647310 B1 20070815 (DE)

Application
EP 04024666 A 20041015

Priority
EP 04024666 A 20041015

Abstract (en)
[origin: EP1647310A1] The breath protection mask (1) with breath exhale valve has circularly arranged valve seat (8) and sealing part (7) which is flexible and bowl shaped with one sealing diaphragm (7a) and edge (7b). The sealing diaphragm cooperates with valve seat to inhale against the side curved surface. The edge at inhale side supports the supporting surface (11) against the opposite side of sealing diaphragm.

IPC 8 full level
A62B 18/10 (2006.01)

CPC (source: EP)
A41D 13/11 (2013.01); **A62B 18/10** (2013.01); **A62B 23/025** (2013.01)

Cited by
EP2436425A1; CN103960797A; CN110145620A; GB2538284A; GB2538284B; CN117982819A; US12070634B2; USD882758S; USD842983S; USD843562S; USD900306S; USD849245S; DE102022113700A1; WO2023232173A1; WO2023083438A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1647310 A1 20060419; EP 1647310 B1 20070815; DE 502004004668 D1 20070927

DOCDB simple family (application)
EP 04024666 A 20041015; DE 502004004668 T 20041015