

Title (en)

BREATHING MASK AND MEMBRANE FOR BREATHING MASK

Title (de)

ATEMSCHUTZMASKE UND MEMBRAN FÜR ATEMSCHUTZMASKE

Title (fr)

MASQUE RESPIRATOIRE ET MEMBRANE DESTINÉE À CE MASQUE

Publication

EP 3445457 A1 20190227 (DE)

Application

EP 17717185 A 20170413

Priority

- DE 102016206775 A 20160421
- EP 2017058979 W 20170413

Abstract (en)

[origin: WO2017182388A1] The invention relates to a breathing mask for filtering breathable air of a wearer of the breathing mask. The breathing mask comprises a mask main part (1) for covering the nose and mouth of the wearer and at least one breathing valve assembly (3) which is arranged on the mask main part (1) and comprises a valve seat element (8) and a valve membrane (11) that can be moved between a release position and a closed position, said valve membrane releasing a breathing opening in the release position, closing the breathing opening in the closed position, and comprising a reinforcement structure (16) which has at least one diagonal reinforcement element (20) that runs diagonally relative to a central plane of the valve membrane.

IPC 8 full level

A62B 18/02 (2006.01); **A62B 18/10** (2006.01)

CPC (source: EP US)

A62B 18/025 (2013.01 - EP US); **A62B 18/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2017182388A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017182388 A1 20171026; CN 109069886 A 20181221; DE 102016206775 A1 20171026; EP 3445457 A1 20190227; US 2020324151 A1 20201015

DOCDB simple family (application)

EP 2017058979 W 20170413; CN 201780024834 A 20170413; DE 102016206775 A 20160421; EP 17717185 A 20170413; US 201716094610 A 20170413