

Title (en)

Breathing mask with solid body

Title (de)

Atemschutzmaske mit festem Maskenkörper

Title (fr)

Masque respiratoire à corps solide

Publication

EP 0600258 B1 19960619 (DE)

Application

EP 93118023 A 19931106

Priority

DE 4240626 A 19921203

Abstract (en)

[origin: US5454369A] A breathing mask with a fixed, curved mask body and with a mask edge extending around the mask body and adapted to the shape of the face for attaching a sealing edge sealing the mask body against the face and with a supply opening located in the mouth area of the mask body. The mask body provides low-distortion vision along with the largest possible useful field of vision. To accomplish this task, the curvature in azimuthal section planes (5, 6, 7) of the mask body (1) is designed to decrease continuously in the corresponding section plane toward the mask edge (2), starting from a meridian symmetry axis (4) of the mask body; that the azimuthal curvature on the meridian symmetry axis (4) also decreases monotonically, starting from the mouth area (8); and that the meridian curvature of the mask body 1 along the symmetry axis (4) is essentially uniform.

IPC 1-7

A62B 18/08

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

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DOCDB simple family (application)

DE 4240626 A 19921203; DE 59303014 T 19931106; EP 93118023 A 19931106; US 15793393 A 19931124