

Title (en)
Protective respirator.

Title (de)
Atemschutzgerät.

Title (fr)
Appareil de protection respiratoire.

Publication
EP 0149590 A2 19850724 (EN)

Application
EP 85850004 A 19850107

Priority
SE 8400107 A 19840111

Abstract (en)
Respiratory protection means having a cup-shaped filter material body (1), the outer end of which is so executed at its edge as to exhibit an element (2) intended to make contact with the face in such a way that the nose and mouth of the wearer are enclosed within the space formed inside the cup shape. During inhalation the air from the surroundings will be obliged in this way to pass through the filter material body, whereas an exhalation valve (8) can be provided to permit exhalation. The filter material body (1) exhibits at least one strip of filter material pleated in its transverse sense, for example a strip of filter paper, which has been given said cup shape. The element intended to make contact with the face consists of a ring (2) of a material which, by casting or some similar process, has been attached to one of the edge parts of the pleated filter material body so as to form an airtight connection, whereas the opposite edge part of the filter material body has been attached in a similarly airtight fashion to a plate (3) or similar which seals the outer end edge of the filter material body.

IPC 1-7
A62B 23/02

IPC 8 full level
A41D 13/11 (2006.01); **A62B 23/02** (2006.01)

CPC (source: EP)
A41D 13/1115 (2013.01); **A41D 13/1146** (2013.01); **A62B 23/025** (2013.01)

Cited by
EP1479413A3; GB2352978A; US4883547A; EP0281275A3; EP1243291A1; FR2758442A1; CN109222282A; GB2602258A; GB2602258B; US5320096A; CN105495774A; US5804295A; US5753343A; US5763078A; US5656368A; US6805124B2; US11871802B1; WO2024039921A1; WO0004957A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0149590 A2 19850724; EP 0149590 A3 19860423; SE 445299 B 19860616; SE 8400107 D0 19840111; SE 8400107 L 19850712

DOCDB simple family (application)
EP 85850004 A 19850107; SE 8400107 A 19840111