

Title (en)  
Respirator.

Title (de)  
Atemgerät.

Title (fr)  
Respirateur.

Publication  
**EP 0363530 A1 19900418 (EN)**

Application  
**EP 88309448 A 19881010**

Priority  
GB 8708156 A 19870406

Abstract (en)  
A respirator comprising a cowl (1) impervious to NBC agents shapes to enclose a wearer's head and neck, the cowl (1) having a transparent viewing window (4) therein and an inlet (14) for admitting a breathable mixture to the interior of the cowl (1). The inlet (14) is constructed to direct all or the major proportion of the supplied breathable mixture to the interior of the cowl (1) so that it flows past the window (4). A face mask (7) is fitted inside the cowl (1) and shaped to fit over the wearer's nose and mouth and make a seal with his face when held in position thereon. The mask (7) has at least one normally closed inhalatory valve therein (17), and an outlet (18) therefrom leading to the exterior of the cowl (1) incorporating one or more normally closed expiratory valves (20, 21) therein so that, in use, at least the major proportion of the breathable mixture is supplied to the interior of the cowl (1) past the interior of the window (4) to de-mist it, the breathable mixture in the cowl (1) then being admitted to the interior of the face mask (7) through the or each inhalatory valve (17) only on inhalation by the wearer and exhausted therefrom through the or each expiratory valve (20, 21) only on exhalation by the wearer, the exhalation by the wearer opening the or each normally closed expiratory valve (20, 21) in the outlet (18).

IPC 1-7  
**A62B 7/00**; **A62B 18/00**

IPC 8 full level  
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CPC (source: EP)  
**A62B 7/00** (2013.01); **A62B 18/00** (2013.01)

Citation (search report)

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