

Title (en)
COMPRESSED AIR SUPPLY SYSTEM FOR A COMPRESSED AIR RESPIRATORY DEVICE

Title (de)
DRUCKLUFTVERSORGUNGSSYSTEM FUER EIN PRESSLUFTATEMGERAET

Title (fr)
SYSTEME D'ALIMENTATION EN AIR COMPRI ME CONNU POUR UN RESPIRATEUR A AIR COMPRI ME

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Application
EP 02806016 A 20021221

Priority
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Abstract (en)
[origin: US2005115560A1] In a compressed air breathing apparatus, a single combined high/medium-pressure line (8) consisting of a medium-pressure hose and a coaxial, flexible high-pressure line inside said hose is integrated into the pressure reducer (5) connected to a compressed air bottle so that said line can rotate in axial direction. The free end of the combined high/medium-pressure line (8) can also rotate in axial direction when connected to a manifold block (9) for distributing the supplied high or medium-pressure air to connections for a lung machine (11), a pressure gauge (15), and an alarm whistle (17) that is controlled at high pressure and operated at medium pressure. The manifold block (9) is equipped with an additional high-pressure fast-fill connection (14) and an additional medium-pressure connection (13). A compressed air breathing apparatus of this design is simple, convenient, and safe to handle.

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