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(54) **A method for maintenance of an exhaust air ductwork and an apparatus for accessing an exhaust air ductwork**

(57) The present invention relates to the field of field of air ventilation systems and air conditioning systems used e.g. in homes, in businesses, in hotels, in passenger vessels and in hospitals, and more particularly to a method for maintenance of an exhaust air ductwork and an apparatus for accessing an exhaust air ductwork. An apparatus for accessing an exhaust air ductwork whilst said exhaust air ductwork is in use according to the present invention has a suction chamber suitable for fitting airtight around an outlet valve of an exhaust air duct, which suction chamber has at least one airtight lead-in (5), (9), through which at least one airtight lead-in (5), (9) the exhaust air ductwork can be accessed, a pair of airtight arranged work gloves (10) suited for manual removal of the outlet valve of an exhaust air duct, an air pressure measurement device (11) suited for measuring the air pressure of the exhaust air duct, and a connection (6) for an adjustable suction fan, which connection (6) has an adjustable valve (7) suited for regulating the suction air pressure of the exhaust air duct when said suction fan is not in use.

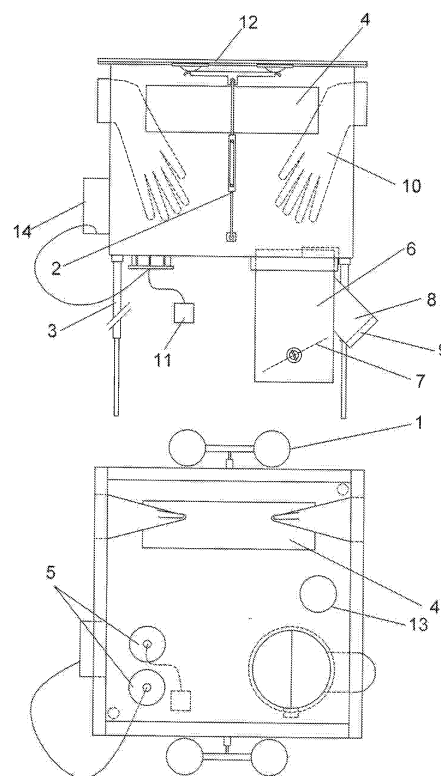


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
EP 10 16 6647

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 91/08821 A1 (AIR SYSTEMS INTERNATIONAL INC [US]) 27 June 1991 (1991-06-27)	6-14	INV. F24F13/02 B08B9/04
A	* page 7, line 14 - page 8, line 4 * * page 10, line 4 - page 10, line 28 * * page 12, line 16 - page 13, line 16; figures 1-3 * -----	1-5	
X	US 2005/279386 A1 (WALL HOWARD [US]) 22 December 2005 (2005-12-22)	6-14	
A	* paragraph [0014] - paragraph [0036]; figure 1 * -----	1-5	
A	US 2009/061751 A1 (POLSKY ROBERT H [US]) 5 March 2009 (2009-03-05) * paragraph [0036] - paragraph [0043]; figures 1-3 * -----	1-14	TECHNICAL FIELDS SEARCHED (IPC)
A	US 5 147 242 A (LOWE JR ROBERT E [US]) 15 September 1992 (1992-09-15) * column 4, line 9 - column 5, line 31; figures 1,4 * -----	1-14	
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 13 October 2014	Examiner Anconetani, Mirco
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 10 16 6647

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82