



(11) **EP 2 631 554 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**26.03.2014 Bulletin 2014/13**

(51) Int Cl.:  
**F24H 8/00** <sup>(2006.01)</sup> **F23L 11/00** <sup>(2006.01)</sup>  
**F23J 13/00** <sup>(2006.01)</sup>

(43) Date of publication A2:  
**28.08.2013 Bulletin 2013/35**

(21) Application number: **13156976.6**

(22) Date of filing: **27.02.2013**

(84) Designated Contracting States:  
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR**  
Designated Extension States:  
**BA ME**

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(30) Priority: **27.02.2012 NL 2008355**

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(54) **Flow channel, in particular discharge channel, provided with a water seal, as well as a water seal for such a flow channel**

(57) The invention relates to a flow channel for the passage therethrough of a fluid, such as flue gases from a heating boiler or the like. The flow channel comprises a first and a second flow channel part, between which a blocking element, such as a non-return valve, is disposed. The flow channel further comprises a water seal for diverting condensation around the blocking element from the second flow channel part to the first flow channel part in use. According to the invention, the flow channel comprises a water seal comprising two water seal elements, one of which operates in a first orientation of the water seal, and the further water seal element operates in a position of the flow channel rotated through substantially 90° relative to the first orientation.

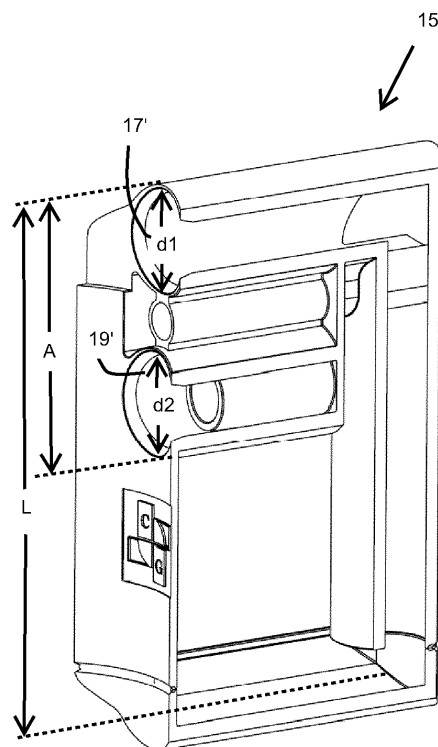


Fig. 2a



## EUROPEAN SEARCH REPORT

Application Number  
EP 13 15 6976

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	US 2009/235916 A1 (ROSSETTI MARCO [IT]) 24 September 2009 (2009-09-24) * paragraph [0072] - paragraph [0096]; figures 1-9 *	1,11	
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			TECHNICAL FIELDS SEARCHED (IPC)
			F24H F23L F23J
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 20 February 2014	Examiner Theis, Gilbert
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			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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The members are as contained in the European Patent Office EDP file on  
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20-02-2014

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