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(54) A control damper, particularly for hot gases

(57) The object of the invention is a control damper, particularly for hot gases, which includes an insulated duct component (1) and inside it a rotatable blade component (2) supported on an axle (7) and a rotating device (10) to rotate the axle (7) and the blade component (2) with it. The axle (7) is, at least at one side, supported by means of a support bearing (9) located outside the insu-

lation. The axle includes a heat gap (8), which comprises flanges (16, 17) bolted together and set on either side of the gap and separated by an air gap, in which the air gap is determined by a component (15') or group of components (15) attached to one flange (14) and in which there are both axial and radial machinings (22, 23), which correspond to the axial and radial machinings (20, 21) of the flange.

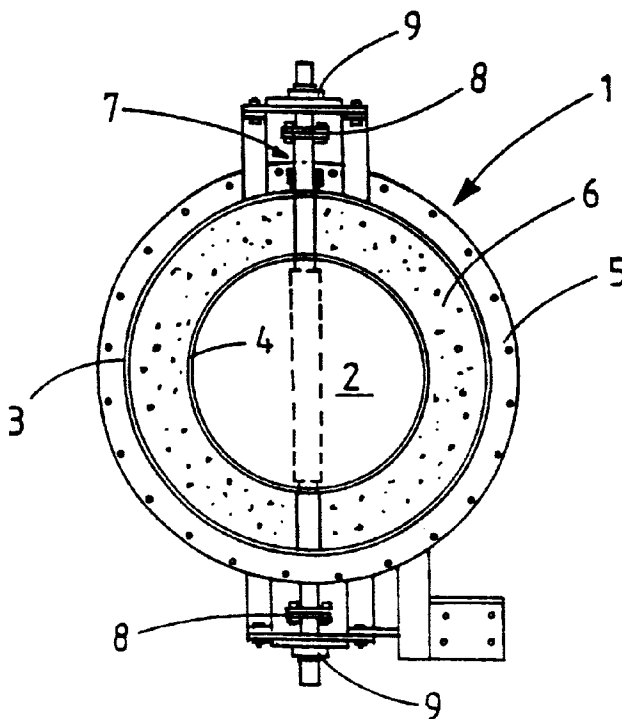
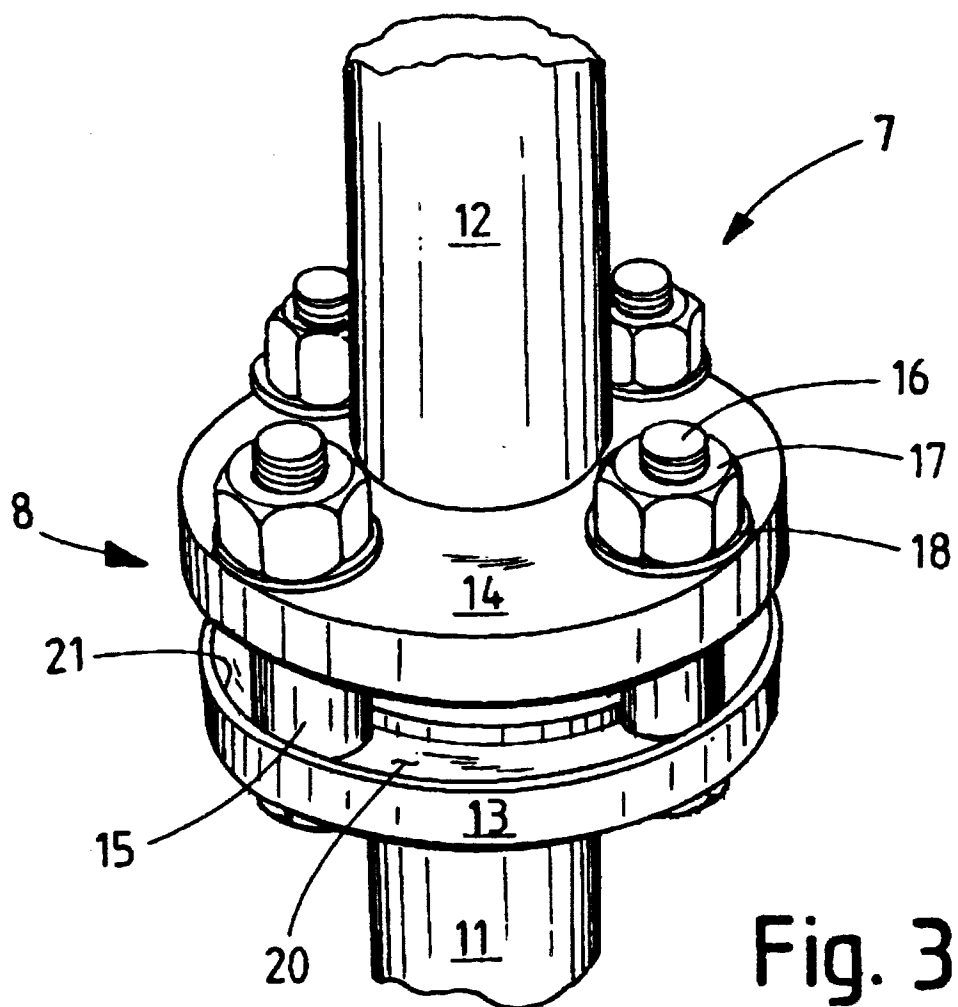


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y,D	FR 2 320 458 A (EUROP TURB VAPEUR) 4 March 1977 * the whole document *	1-6	F23L13/02
Y	DE 28 01 360 A (WALTER DREIZLER GMBH & CO KG W) 19 July 1979 * page 6, line 24 - line 26; figure 6 *	1-6	
A	DE 28 02 038 A (MATTES LORENZ) 19 July 1979 * page 7, line 29 - line 33 * * page 10, line 17 - line 25; figure 2 *	1	
A	DE 32 17 685 A (RISCHE GEB HOECHERL MARIA ;RISCHE LUCIA (DE); RISCHE BERNWARD (DE)) 14 February 1985 * page 2, paragraph 2; figures 1,2 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F23L F16K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 June 1998	Examiner Coli, E
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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