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(54) A damper for use in flues and air ducts

(57) The object of the invention is damper for use in flues and air ducts, which includes a frame (1) with two stop edges and a hatch (4) component that rotates in relation to this and is equipped with two sealing edges, which press against the stop edges when the damper closes and form two in-line shutoff edges (2, 3). The inner shutoff edge (2) is formed of essentially rigid stop

and sealing edges and the other shutoff edge (3) is formed of at least one flexible blade (5, 6) and a stiff stop edge (3.1) in the frame (1). The flexible blade (5, 6) is secured to the hatch part (4) in such a way that a ridge (9) is formed in the edge of the flexible blade and that the hatch part further includes a rod (7) arranged to press against this, which locks the ridge (9) against bolts (11), or another similar stop.

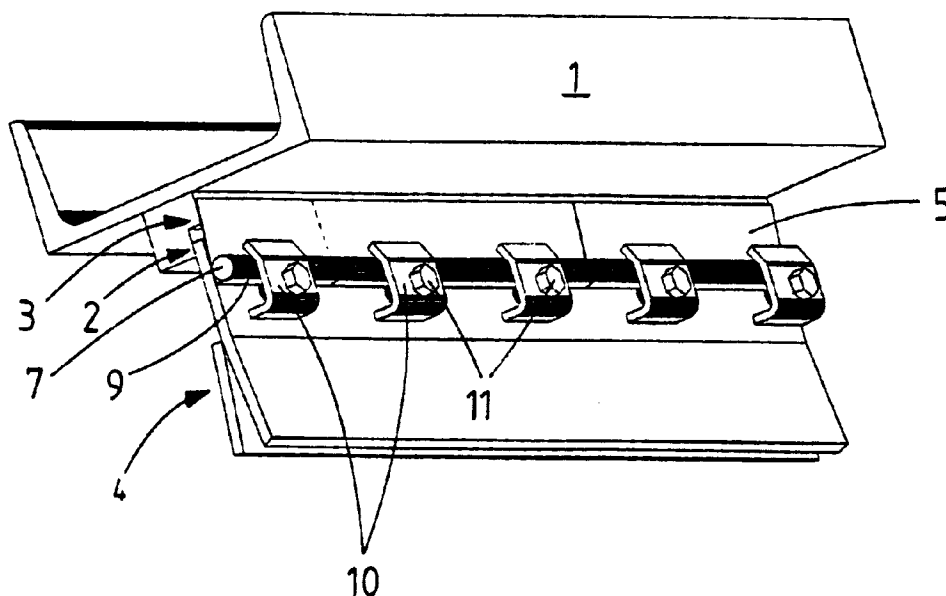


FIG. 3

EP 0 754 916 A3



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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)
A	US 5 159 954 A (JANICH HANS-JUERGEN) 3 November 1992 * column 9, line 11 - line 41; figure 6 * ---	1	F23L13/02 F24F13/14
A,P	EP 0 689 010 A (MANNESMANN AG) 27 December 1995 * column 2, line 25 - column 3, line 3; figures 1,2,6 * ---	1-5	
A	GB 1 308 801 A (THERMO TECHNICAL DEV LTD) 7 March 1973 * the whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F23L F24F 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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