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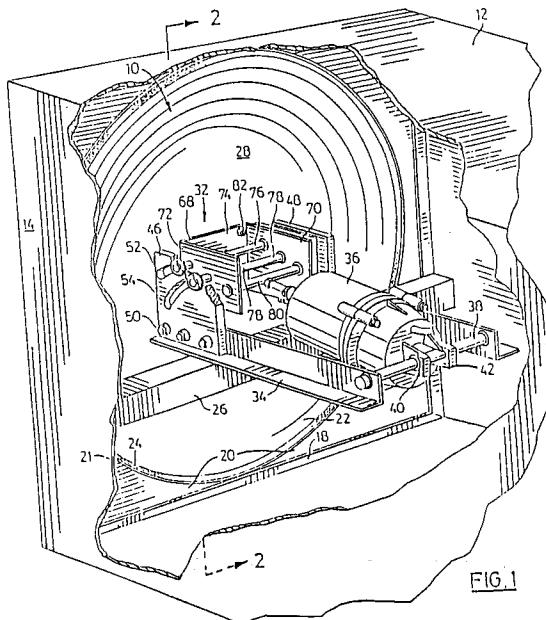
(71) Applicant: **Datta, Dipti**
1023 McBride Avenue
Mississauga, Ontario L5C 1M3(CA)

(72) Inventor: **Datta, Dipti**
1023 McBride Avenue
Mississauga, Ontario, L5C 1M3(CA)
Inventor: **Yazici, Muammer**
195, Berry Road
Etobicoke, Ontario, M8Y 1X2(CA)

74 Representative: **Adkins, Michael
Withers & Rogers 4 Dyer's Buildings Holborn
London EC1N 2JT(GB)**

54 Air damper apparatus.

57 A damper (10) for controlling air flow through an air duct (12) is provided. The damper (10) includes a mounting frame (34) secured to the interior of the duct (12) which has a circular opening (21) for air flow therethrough when the damper (10) is open. A circular damper plate (28) is provided which is dimensioned to block the circular opening (21) in the closed position. The plate (28) can be moved and rotated to a fully open position. The plate is rotated by an actuator (36) and movement of the damper plate (28) is controlled by a coupling mechanism (32). This mechanism (32) can have a pair of spaced guide plates (46,48) each of which is provided with two arcuate, diverging guide slots (52,54). Corresponding guide slots in the two plates (46,48) are aligned. A support bracket (68) for the damper plate (28) has two guide pins (76,78) which extend through the aligned slots and are movable therein.





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EUROPEAN SEARCH REPORT

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EP 91 31 1768

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.5)
D, A	US-A-4 605 198 (GREINER) * abstract; figure 1 *	1, 6	F24F13/14
A	FR-A-1 199 122 (JULIEN)	-----	
TECHNICAL FIELDS SEARCHED (Int. Cl.5)			
F24F F16K			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	09 NOVEMBER 1992	PESCHEL G.	
CATEGORY OF CITED DOCUMENTS		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	
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			