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Induction apparatus for air distribution system.

An induction apparatus (10) for an air distribution system. A nozzle (12) is coupled with a primary air supply duct (18) downstream of a variable volume terminal unit to increase the velocity of air discharged from the duct (18). The increased primary air velocity induces secondary air into the primary air stream. The secondary air is supplied by a ceiling plenum which may be in communication with the

conditioned area. A mixing chamber (14) is positioned downstream of the nozzle (26) and is sized for allowing mixing of the induce secondary return air with the primary air stream. A diffuser (20) coupled with the downstream end of the mixing chamber (14) distributes the mixed air into the conditioned space.

EP 0 326 950 A3

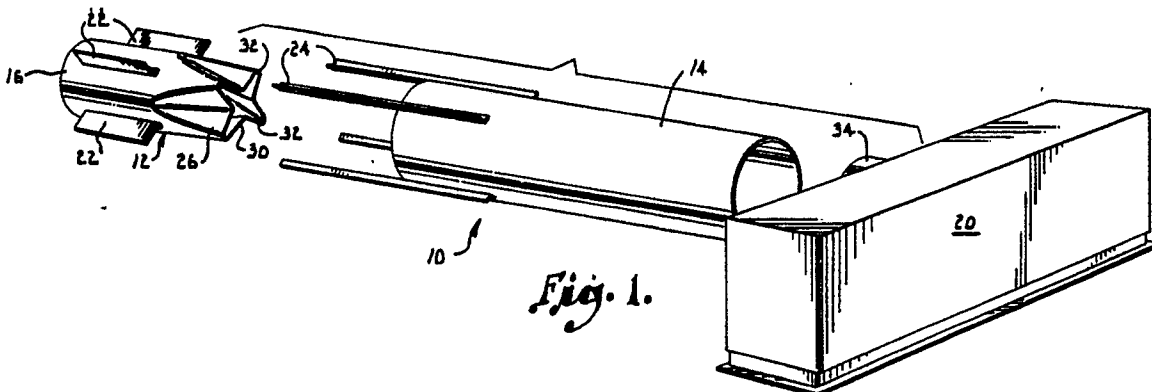


Fig. 1.



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.4)
X	FR-A-2 281 543 (INSTITUTUL NATIONAL PENTRU CREATIE STIINTIFICA SI TEHNICA) * page 1, line 23 - page 2, line 25 * ---	1, 3, 4, 6 , 8, 9, 12 , 13	F 24 F 13/00 F 24 F 13/04
A	FR-A-1 235 224 (SOCIETE BERIAB) * whole document * -----	1, 3, 6, 8 , 13	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 24 F
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 27-02-1990	Examiner PIEPER C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			