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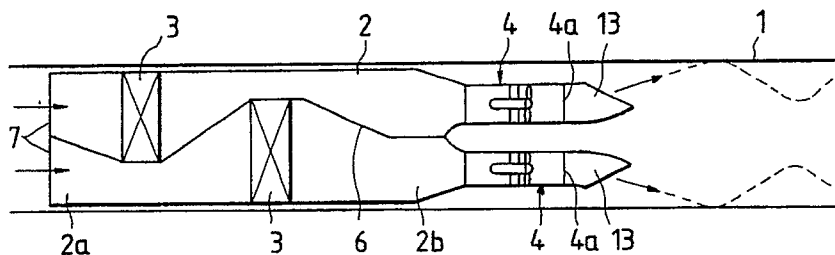
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(54) **Tunnel dust collecting system.**

(57) Typically, in a tunnel dust collecting system comprising: a dust collecting chamber (2) formed in the upper space of a tunnel (1) with a ceiling board; electric dust collectors (3) arranged in the dust collecting chamber in such a manner that the dust collectors are shifted both longitudinally and laterally of the dust collecting chamber; and air blowers (4) provided in said dust collecting chamber at the air

supplying end, the dust collectors except the first one closest to the air sucking end of the dust collecting chamber are set obliquely with respect to the longitudinal direction of the dust collecting chamber as if partially overlapped with one another when viewed from the air sucking end, whereby the contaminated air led in the dust collecting chamber is distributed uniformly to the dust collectors.

FIG. 1(A)





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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.5)
Y	PATENT ABSTRACTS OF JAPAN vol. 13, no. 169 (C-587)(3517) 21 April 1989, & JP-A-63 319072 (FUJI ELECTRIC) 27 December 1988, * the whole document *	1,2,3,8	E 21 F 1/00
Y	FR-A-2 253 877 (SOFRAIR) * claims 1, 2; figure 2 *	1,2,3,8	
Y	FR-A-1 601 611 (S.I.N.A.) * page 3, lines 4 - 18; figures 1, 6 *	2	
A	DE-A-2 509 279 (VOITH GETRIEBE) * page 5, paragraph 6 - page 6, paragraph 2; figures 1-3 *	1	
A	DE-A-1 459 883 (J.M.VOITH)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			E 21 F E 21 D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 26 June 91	Examiner FONSECA Y FERNANDEZ
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone</div> <div>Y : particularly relevant if combined with another document of the same category</div> <div>A : technological background</div> <div>O : non-written disclosure</div> <div>P : intermediate document</div> <div>T : theory or principle underlying the invention</div> <div>E : earlier patent document, but published on, or after the filing date</div> <div>D : document cited in the application</div> <div>L : document cited for other reasons</div> <div>& : member of the same patent family, corresponding document</div>			