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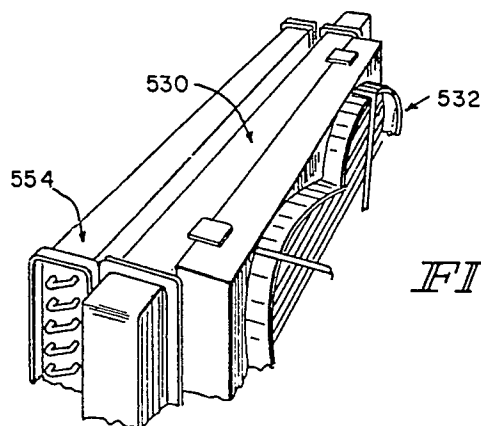
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54 **Air movement apparatus.**

57 The invention relates to cooling fans which are disclosed in the context of fan assisted heat exchanger systems such as for use in vehicles. Shrouding is provided to match the active area of a rectangular radiator with an area swept by a cooling fan and in the preferred embodiments utilises two small diameter side-by-side fans in order to effect a better match between the cross-sectional area of the radiator and the area swept by the fans. Preferably, the fans are rotated in a synchronised manner in counter-rotation and the means for providing this drive may comprise gearing connected with a prime mover or a pulley and drive belt system. In the latter case, the drive belt is preferably a toothed belt and may be provided with teeth on both sides to secure the desired counter-rotation of the two fans.



*FIG 11*

**EP 0 259 182 A3**



EP 87 30 7843

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	EP-A-0 111 845 (AUDI NSU AUTO UNION) * Page 1, lines 1-21; page 3, line 28 - page 4, line 20; figures 1,2 *	1,5,6	F 01 P 5/04 F 01 P 5/06 F 04 D 25/16
Y	---	2,16,30	
A		3,15,19 ,24	
Y	US-A-2 729 389 (KOCH) * Column 1, line 15 - column 2, line 48; figures 1-3 *	2,16,30	
A	FR-A- 946 348 (LAMING) * Page 1, lines 1-26; figure *	3,4,15, 17,18, 25-27	
X	EP-A-0 100 039 (DEERE) * Page 5, line 33 - page 6, line 29; figures 1-4 *	1,5	
A		15,17, 19	
A	DE-A-3 434 428 (LÄNGE) * Page 6; figures *	20-22	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	EP-A-0 057 449 (EATON)		F 01 P F 04 D B 60 H F 03 D B 64 C
A	US-A-1 618 899 (WINDBERGER)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11-01-1989	Examiner KOOIJMAN F.G.M.
<b>CATEGORY OF CITED DOCUMENTS</b>			
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	