

Title (en)
AIR MOVEMENT APPARATUS

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EP 0259182 A3 19890322 (EN)

Application
EP 87307843 A 19870904

Priority
US 90364786 A 19860905

Abstract (en)
[origin: EP0259182A2] 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.

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CPC (source: EP KR)
F01P 3/18 (2013.01 - KR); **F01P 5/04** (2013.01 - EP); **F01P 5/06** (2013.01 - EP)

Citation (search report)

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