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## EUROPEAN PATENT APPLICATION

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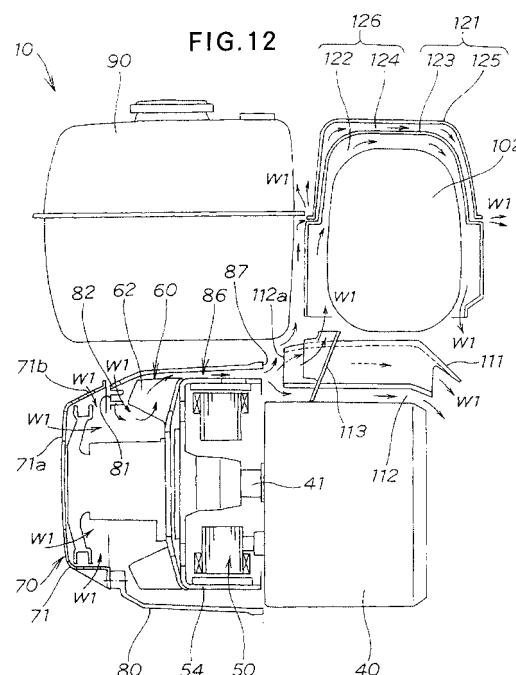
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### (54) Engine generator unit

(57) Muffler (102) connected to the exhaust-discharging end of an engine (40) is positioned above the engine (40) adjacent a fuel tank (90). Heat blocking cover (121) covers top and side portions of the muffler (102), and a fan cover (80), generally in the shape of a cylinder and extending close to the engine (40), covers an electric-power generator (50). Cooling fan device (60) is provided in a cooling-air inlet portion (81) of the fan cover (80) for introducing cooling air from the outside to the electric-power generator (50) covered with the fan cover (80). Engine-cooling air passage (112) having a cooling-air inlet portion (112a) that faces a cooling-air outlet portion (87) of the fan cover (80) is provided to cool an outer surface of the engine (40) by the cooling air flowing out through the cooling-air outlet portion (87) of the fan cover (80). The engine-cooling air passage (112) is branched upward to provide a separate muffler-cooling air passage (126) extending between the muffler (102) and the heat blocking cover (121) above the engine (40). Thus, the cooling air introduced from the outside is allowed to cool both the engine (40) and the muffler (102) after having cooled the electric-power generator (50). With such arrangements, the engine (40), generator (50) and muffler (102) can be cooled with enhanced efficiency in a very simple manner.



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# EUROPEAN SEARCH REPORT

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EP 00 11 0662

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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>2 November 2001</b>	Examiner <b>Wassenaar, G</b>
<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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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