

Title (en)
Unit housing for supporting auxiliary machineries of an engine

Title (de)
Trägergehäuse für Nebenaggregate für eine Brennkraftmaschine

Title (fr)
Carter support pour auxiliaires de moteur à combustion

Publication
EP 1211390 A1 20020605 (EN)

Application
EP 01128636 A 20011130

Priority
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• JP 2000370679 A 20001205

Abstract (en)
A unit housing for supporting auxiliary machinery to be detachably attached to an engine body (1) of an engine (E) has a pump case (30) of a cooling water pump (P) and an oil filter case (40) integrally formed therewith. The oil filter case (40) is cylindrical and projects aslant from the unit housing (13). A recess is formed between the pump case (30) and the oil filter case (40), and another auxiliary machinery (G) such as an alternating-current generator is disposed in the recess. The oil filter case (40) has at least one mount portion (24) for mounting another auxiliary machinery (A). Ribs (R7, R15) are formed in the recess to connect the oil filter case (40) and the cooling water pump case (30). With this configuration, restriction in placement with auxiliary machineries can be removed, and it is possible to prevent auxiliary machineries from projecting out from the engine body and thereby disturbing compact design of the entire engine. <IMAGE>

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F01M 11/03; **F02B 67/06**

IPC 8 full level
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Citation (search report)
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