

Title (en)
Engine generator unit

Title (de)
Brennkraftmaschine -Generator Baueinheiten

Title (fr)
Combinaison moteur-générateur

Publication
EP 1054145 A3 20020102 (EN)

Application
EP 00110646 A 20000518

Priority
• JP 14071599 A 19990520
• JP 14237899 A 19990521

Abstract (en)
[origin: EP1054145A2] In an engine generator unit, an engine (40) is connected with an outer-rotor/magnet type generator that has a cantilevered outer rotor (54) functioning also as a substitute for an engine fly wheel. Cooling fan device (60) is attached to the outer rotor (54). The generator (50) and cooling fan device (60) are covered with a fan cover (80) that is made of die-cast aluminum alloy. The fan cover (80) has, at its one end remote from the engine (40), a cooling-air inlet portion (81) for introducing cooling air from the outside via the cooling fan device (60), and a recoil starter (70) is attached to the cooling-air inlet portion (81). Also, the fan cover (80) is connected at its other end to the engine (40) with a gap formed therebetween for blowing the cooling air onto an outer peripheral surface of the engine (40). Supporting leg members (43, 84) are secured to the fan cover (80) and engine (40), and these leg members (43, 84) are also mounted to a framework (11) via shock-absorbing members (44, 85).
<IMAGE>

IPC 1-7
F02B 63/04

IPC 8 full level
F02B 63/04 (2006.01); **F02B 75/16** (2006.01)

CPC (source: EP)
F02B 63/04 (2013.01); **F02B 75/16** (2013.01); **F02B 63/048** (2013.01); **F02B 2063/045** (2013.01)

Citation (search report)
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• [A] US 4173951 A 19791113 - ISHIHARA MASAMITSU [JP]
• [A] US 4677940 A 19870707 - BRACHT JEFFREY L [US], et al
• [A] US 4702201 A 19871027 - ODO SATOSHI [JP], et al

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CN114060145A; CN103545991A

Designated contracting state (EPC)
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