

Title (en)
Internal combustion engine with auxiliaries

Title (de)
Brennkraftmaschine mit Nebenaggregaten

Title (fr)
Moteur à combustion interne avec des auxiliaires

Publication
EP 1184551 A3 20030702 (DE)

Application
EP 01114921 A 20010620

Priority
DE 10042408 A 20000830

Abstract (en)
[origin: US2002023618A1] An internal-combustion engine, which is suitable for being installed in a motor vehicle, has auxiliaries including a generator and a water pump which are arranged on an exterior side of a housing structure of the internal-combustion engine. In order to construct the auxiliaries in an easily mountable manner and to advantageously accommodate them on the housing structure of the internal-combustion engine, the generator and the water pump form a constructional unit which is connected with the housing structure of the internal-combustion engine.

IPC 1-7
F02B 75/22; F02B 63/00; F02B 67/06

IPC 8 full level
F02B 67/00 (2006.01); **F01P 5/10** (2006.01); **F02B 67/04** (2006.01); **F02B 67/06** (2006.01); **F02B 75/22** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)
F02B 67/06 (2013.01 - EP US); **F02B 75/22** (2013.01 - EP US)

Citation (search report)

- [XA] US 6101995 A 20000815 - ITOH KENJI [JP], et al
- [A] US 5938169 A 19990817 - OGAWA AKITERU [JP], et al
- [DA] US 4425881 A 19840117 - LYNDHURST FRANCIS R [US]
- [DA] DE 4121263 A1 19920109 - MAZDA MOTOR [JP]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1184551 A2 20020306; **EP 1184551 A3 20030702**; DE 10042408 A1 20020321; JP 2002070576 A 20020308; US 2002023618 A1 20020228; US 6755174 B2 20040629

DOCDB simple family (application)
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