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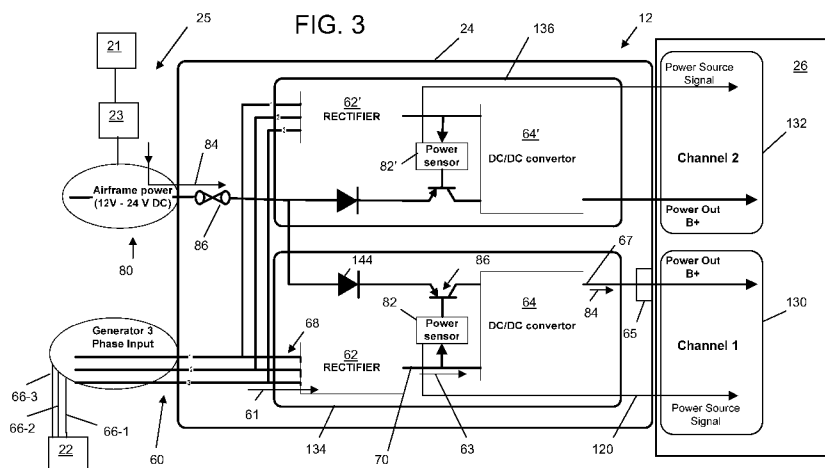
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))
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[Continued on next page]

(54) **Title:** POWER SOURCE FOR AN AIRCRAFT ENGINE CONTROLLER



(57) **Abstract:** An aircraft engine power distribution system (28) for an aircraft engine controller (26), such as a FADEC, is provided where the power source (22) is independent from the conventional airframe power system, without the need for a back-up battery. The aircraft engine power distribution system includes a magnetic generator (26) operated by an aircraft engine. The aircraft engine power distribution system also includes a power distributor (24) that rectifies the generator output and provides the rectified power to the engine controller as its primary source of power. In this configuration, as long as the aircraft engine is able to operate the magnetic generator, the engine controller receives power. Accordingly, the engine controller operates regardless of the operational status of the airframe power system.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. B64D31/00 H02J9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H02J B64D F02C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 2006/087379 A (HISPANO SUIZA SA [FR]; DUBOIS GILLES [FR]; MEURET REGIS [FR]; VERNOCHE) 24 August 2006 (2006-08-24)	1,2
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P,X	EP 1 852 953 A (HISPANO SUIZA SA [FR]) 7 November 2007 (2007-11-07) abstract figures 2,3	1,2
A	WO 99/63212 A (PRATT & WHITNEY CANADA [CA]) 9 December 1999 (1999-12-09) abstract figure 1	1,10

Further documents are listed in the continuation of Box C.

See patent family annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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