

Title (en)

INVERTER OPERATED TURBINE ENGINE STARTING SYSTEM.

Title (de)

WECHSELRICHTER-BETRIEBENES STARTSYSTEM FÜR TURBINENMOTOREN.

Title (fr)

SYSTEME DE DEMARRAGE ACTIONNE PAR ONDULEUR POUR TURBO-MOTEUR.

Publication

EP 0276295 A4 19881114 (EN)

Application

EP 87905496 A 19870715

Priority

US 88687486 A 19860718

Abstract (en)

[origin: WO8800653A1] Engine start capability may be added to an aircraft generating system including a variable speed, constant frequency inverter (34) by placing transistors (48) in shunt relation to diodes (22) forming part of a full wave rectifier for rectifying A.C. power from a brushless generator output winding (10) which is normally supplied to the inverter (34) for conversion to constant frequency A.C. power. A source of D.C. power (60) may be connected to the diodes (22) and transistors (48) and the latter are operated by an inverter controller (52) to convert the D.C. power so provided to alternating current to be fed to the brushless generator output windings (10) and cause the brushless generator to operate as an A.C. motor for the starting of a turbine engine (18) or the like.

IPC 1-7

F02N 11/00

IPC 8 full level

F02N 11/04 (2006.01)

CPC (source: EP)

F02N 11/04 (2013.01); **F05B 2220/50** (2013.01)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 46 (M-360)[1769], 27th February 1985; & JP-A-59 185 872 (NISSAN JIDOSHA K.K.) 22-10-1984
- [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 179 (E-414)[2235], 24th June 1986; & JP-A-61 026 500 (HITACHI LTD) 05-02-1986
- See references of WO 8800653A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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