

Title (en)

HT EXCITER FOR TURBINE IGNITION SYSTEM

Publication

EP 0481609 A3 19920902 (EN)

Application

EP 91308654 A 19910924

Priority

- GB 9022734 A 19901019
- GB 9113489 A 19910621

Abstract (en)

[origin: EP0481609A2] A high tension exciter for use in a gas turbine ignition system. The exciter comprises a power supply for charging an energy store (12). The energy store (12) is periodically discharged, via a solid state switch (13), into a pulse transformer (15). The pulse transformer (15) has a step-up action, and transforms the voltage from the energy store (12) into a voltage suitable for operating an ignition plug of a gas turbine engine. <IMAGE>

IPC 1-7

F02P 15/00; F02C 7/26

IPC 8 full level

F02P 15/00 (2006.01)

CPC (source: EP)

F02P 15/003 (2013.01)

Citation (search report)

- [X] US 3450942 A 19690617 - SEGALL LOUIS H, et al
- [A] EP 0362014 A1 19900404 - LABO IND [FR]
- [A] FR 2333957 A1 19770701 - LUCAS INDUSTRIES LTD [GB]

Cited by

US5592118A; EP0589603A3; US5473502A; US5656966A; US5852381A; US7355300B2; WO9524554A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0481609 A2 19920422; EP 0481609 A3 19920902

DOCDB simple family (application)

EP 91308654 A 19910924