

Title (en)

Emergency shutdown detection system for a gas turbine

Title (de)

Notabschaltdetektorvorrichtung für eine Gasturbine

Title (fr)

Système de détection d'arrêt d'urgence pour une turbine à gaz

Publication

EP 1847688 B1 20190508 (DE)

Application

EP 07004819 A 20070308

Priority

DE 102006016011 A 20060405

Abstract (en)

[origin: US2007241921A1] An emergency shutdown detection device for a gas turbine includes a longish, mechanically severable sensor element (5), in which at least one electric line (1 to 4) is provided, with at least one resistor (R 1 to R 3) being electrically connected to the electric line such that upon severance of the sensor element (5), the electrically connected resistor is electrically disconnected from the electrical line to alter a resistance value for the electrical line.

IPC 8 full level

F01D 17/02 (2006.01); **F01D 21/06** (2006.01)

CPC (source: EP US)

F01D 17/02 (2013.01 - EP US); **F01D 21/045** (2013.01 - EP US); **F01D 21/06** (2013.01 - EP US); **F05D 2220/32** (2013.01 - EP US); **F05D 2260/80** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 102006016011 A1 20071018; EP 1847688 A2 20071024; EP 1847688 A3 20160323; EP 1847688 B1 20190508; US 2007241921 A1 20071018; US 7782221 B2 20100824

DOCDB simple family (application)

DE 102006016011 A 20060405; EP 07004819 A 20070308; US 73094307 A 20070405