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[Continued on next page]

(54) Title: GAS TURBINE ENGINE WITH SOFT MOUNTED PRE-SWIRL NOZZLE

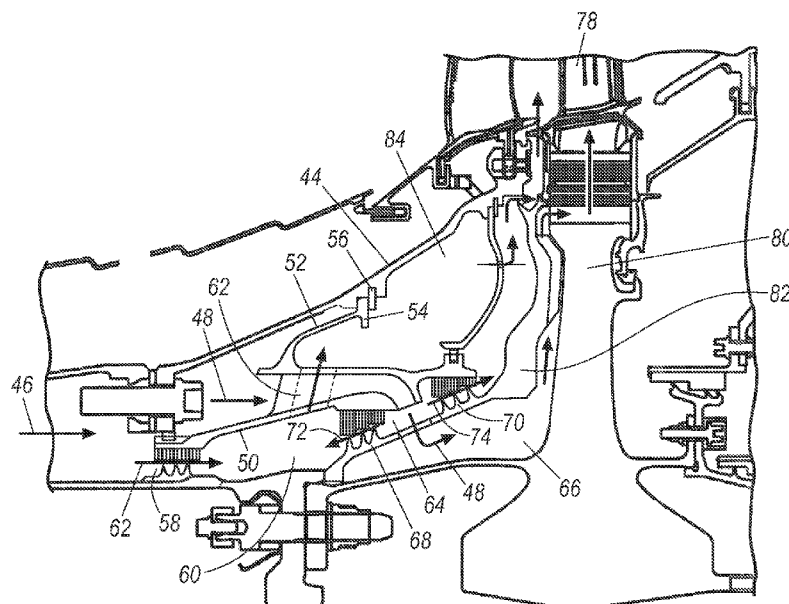


FIG. 2

(57) Abstract: An exemplary gas turbine engine may include a compressor, a turbine, and a combustor disposed between the compressor and the turbine. The combustor generally may have an inner casing. The exemplary gas turbine may further include a pre-swirl nozzle configured to receive a cooling stream. The cooling stream may be supplied from a cooled cooling air stream. The pre-swirl nozzle may further be configured to direct at least a portion of the cooling stream to the turbine. The pre-swirl nozzle may be flexibly mounted to the inner casing of the combustor.



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A. CLASSIFICATION OF SUBJECT MATTER
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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)
F01D F23R

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 practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	column 1, line 29 - column 2, line 25 column 3, line 2 - line 8 figures 1,2,4 column 1, line 67 - column 2, line 2 -----	6,16
X	EP 2 011 968 A2 (UNITED TECHNOLOGIES CORP [US]) 7 January 2009 (2009-01-07)	1,7-11, 17-20
Y	figure 1 paragraph [0010] paragraph [0018] paragraph [[0003]] - paragraph [[0005]] -----	6,16
Y	EP 2 051 009 A2 (UNITED TECHNOLOGIES CORP [US]) 22 April 2009 (2009-04-22) paragraph [0015] ----- -/-	6,16



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

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