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(72) Inventor: **Moors, Thomas**
Greenville, SC 29615-4614 (US)

(74) Representative: **Illingworth-Law, William**
Illingworth
Global Patent Operation - Europe
GE International Inc.
15 John Adam Street
London WC2N 6LU (GB)

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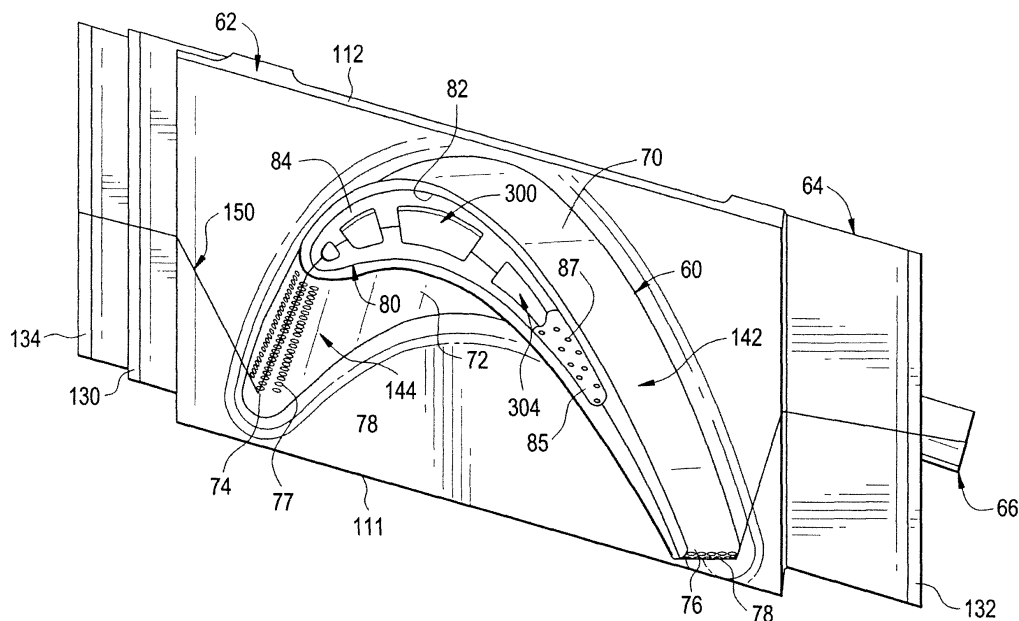
(71) Applicant: **General Electric Company**
Schenectady, NY 12345 (US)

(54) **Multi-part cast turbine engine component having an internal cooling channel and method of forming a multi-part cast turbine engine component**

(57) A multi-part cast component for a turbine engine includes a first component section having a main body portion including at least one cooling flow passage section, and a second component section having a main body including at least one cooling flow passage section.

The first and second component sections are joined along a parting line to form a turbine engine component with the at least one cooling flow passage section of the first component section aligning with the at least one cooling flow passage of the second component section to form a cooling flow channel.

FIG. 3





EUROPEAN SEARCH REPORT

Application Number
EP 08 16 2441

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X	GB 2 095 589 A (ROLLS ROYCE) 6 October 1982 (1982-10-06) * figure 4 * * abstract * * claim 3 *	1-11	
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			TECHNICAL FIELDS SEARCHED (IPC)
			F01D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 16 May 2012	Examiner Burattini, Paolo
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

2

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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