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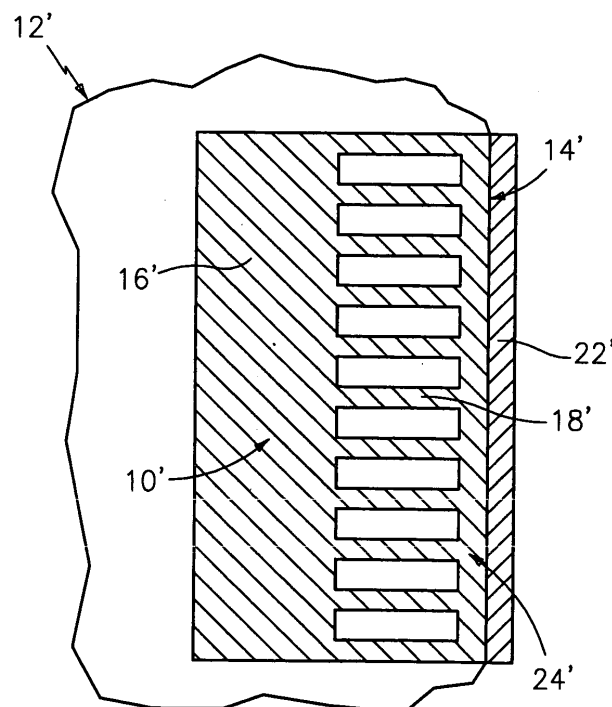
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(54) **Refractory metal core for integrally cast exit trench**

(57) A refractory metal core (10') for use in casting a turbine engine part (12') has a main portion (16') and a plurality of tabs (18') extending from the main portion (16'). An end portion (22') has a first edge which joins

together the plurality of tabs (18') and a second edge, opposed to the first edge, located internally of an exterior boundary (14') of the cast part (12').



**FIG. 2**



## EUROPEAN SEARCH REPORT

Application Number  
EP 10 25 1009

## 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                                                                                                                                                                                                                                                                                     | EP 1 927 414 A2 (UNITED TECHNOLOGIES CORP [US]) 4 June 2008 (2008-06-04)<br>* paragraph [0014]; figures 2,3 *<br>----- | 1-10,15           | INV.<br>B22C9/10<br>F01D5/18            |
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|                                                                                                                                                                                                                                                                                       |                                                                                                                        |                   | TECHNICAL FIELDS SEARCHED (IPC)         |
|                                                                                                                                                                                                                                                                                       |                                                                                                                        |                   | B22C<br>F01D                            |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                            |                                                                                                                        |                   |                                         |
| Place of search                                                                                                                                                                                                                                                                       | Date of completion of the search                                                                                       |                   | Examiner                                |
| Munich                                                                                                                                                                                                                                                                                | 20 January 2015                                                                                                        |                   | Scheid, Michael                         |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                                                                                           |                                                                                                                        |                   |                                         |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document                                                               |                                                                                                                        |                   |                                         |
| T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>.....<br>& : member of the same patent family, corresponding document |                                                                                                                        |                   |                                         |

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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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