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(54) **Tangential combustor**

(57) A combustion section for a gas turbine includes a casing (32) defining a chamber, a plurality of combustor cans (34) disposed in the casing and oriented in an annular pattern, and a plurality of transition pieces (36) each coupled with one of the combustor cans. The transition pieces direct products of combustion from the combustor cans into contact with rotating buckets of the gas turbine. Each of the transition pieces is angled in two planes to effect turning of the products of combustion and to shorten the gas turbine.

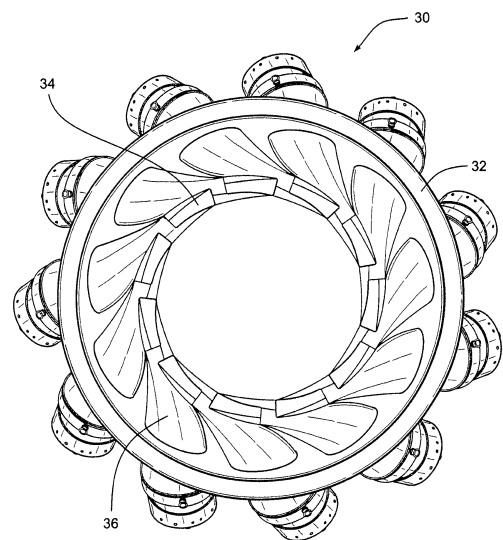


Figure 2

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EUROPEAN SEARCH REPORT

Application Number
EP 11 16 3440

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	----- US 2010/037618 A1 (CHARRON RICHARD [US] ET AL) 18 February 2010 (2010-02-18) * page 4, paragraph 45 - page 5, paragraph 53 * * figures 4-9 *	1,8-10, 12,13	
X	----- US 3 238 718 A (HILL HENRY C) 8 March 1966 (1966-03-08) * column 4, line 16 - line 30 * * column 5, line 3 - line 45 * * figure 2 *	1-4, 10-15	
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 10 October 2014	Examiner Gavriliu, Costin
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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