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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
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[Continued on next page]

(54) **Title:** BIFURCATED INLET SCOOP FOR GAS TURBINE ENGINE

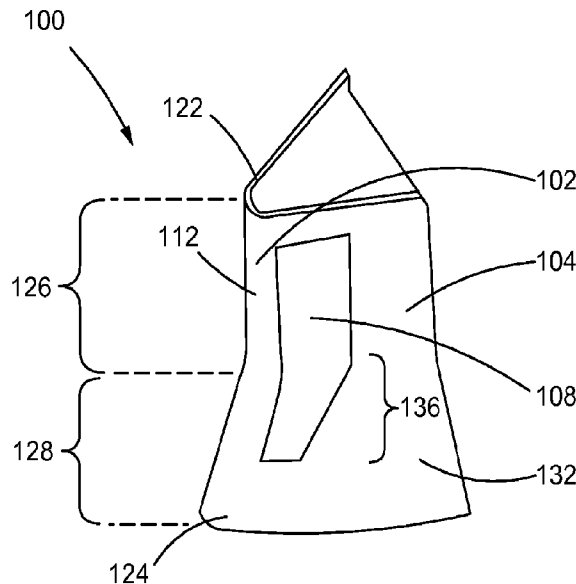
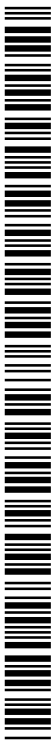


FIG. 2

(57) **Abstract:** A bifurcated inlet scoop frame for a gas turbine engine and method of using such frame for a gas turbine engine are disclosed. The bifurcated inlet scoop frame may include a nose, a first side panel, and a second side panel. The first side panel and the nose may define a first inlet port. The second side panel and the nose may define a second inlet port. The method may comprise providing a bifurcated inlet scoop frame, splitting the fan air flow, and receiving fan air through the bifurcated inlet scoop frame.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - B64D 13/06, B64D 33/00, F01D 25/02 (2014.01)
USPC - 244/118.5, 244/134B

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)
IPC(8) - B64D13/06, B64D33/00, F01D25/02 (2014.01)
USPC - 244/118.5; 244/134B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
***** See Supplemental *****

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST (PGPB, USPT, USOC, EPAB, JPAB); PatBase; ProQuest Dialog; Googles (Patents, Scholar, Web)
Search Terms: Engine, turbine, jet, scoop, cowl, hood, conduit, air, fluid, inlet, intake, bifucate, split, bisect, divide, two, panel, plate, port, aperture, opening, orifice, duct, slot, slit, nose, lead, bleed, air, cabin, environmental control sys

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|--------------------------|
| X ===== | US 2008/0080967 A1 (URBASSIK et al.) 03 April 2008 (03.04. 2008) Fig. 1-4; Para [0013], [0018]-[0020], [0026] | 1-2, 5 ===== |
| Y | | 3 |
| X ===== | US 2010/0126182 A1 (HOOVER et al.) 27 May 2010 (27.05.2010) Fig. 1, 3-4; Para [0004], [0021]-[0023], [0025]-[0027] | 1-2 ===== |
| Y | | 3, 9-11, 18 |
| X ===== | US 2,772,620 A (FERRI) 04 December 1956 (04.12.1956) Fig. 1, 6; col 2, ln 10-55 | 1, 4, 7, 12, 15 ===== |
| Y | | 7-11, 13-14, 16-20 |
| X ===== | US 2009/0007528 A1 (WILSON) 08 January 2009 (08.01.2009) Fig. 2-3; Para [0020]-[0021] | 1, 6 ===== |
| Y | | 14 |
| X ===== | US 2006/0071126 A1 (MEANS) 06 April 2006 (06.04.2006) Fig. 2A; Para [0032], [0037], [0047] | 1 ===== |
| Y | | 4 |
| Y | US 2011/0265650 A1 (KAZLAUSKAS et al.) 03 November 2011 (03.11.2011) Fig. 6A; Para [0057] | 4 |
| Y | US 2008/0230651 A1 (PORTE) 25 September 2008 (25.09.2008) Fig. 1-2; Para [0025], [0033], [0035]-[0036] | 7-11, 13-14, 16-20 |

Further documents are listed in the continuation of Box C.

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| "P" document published prior to the international filing date but later than the priority date claimed | |

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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***** Continuation of B - Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched *****

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USPC - 60/39.93, 60/39.5, 60/712, 60/785, 137/111, 165/44, 236/82, 236/92R, 244/15, 244/53B, 244/118.5, 244/130, 244/134R, 244/134B, 248/554, 415/116, 454/70, 454/71, 454/73, 454/76, 454/255, D12/340