Record 1 of 1

Patent Number(s): WO2003050496-A; FR2833347-A1; WO2003050496-A2; EP1454149-A2; US2004237641-A1; US7124630-B2

Title: Aircraft combined total pressure and temperature probe is designed so that it requires only a single de-icing coil that is placed between the probe Pitot tube and tube leading to a temperature sensor

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Patent Assignee(s): THALES SA (THAL-Non-standard); THALES (THAL-Non-standard); HANSON N (HANS-Individual); SIMEON M (SIME-Individual); BARBOU J (BARB-Individual)

Derwent Primary Accession No.: 2003-648150

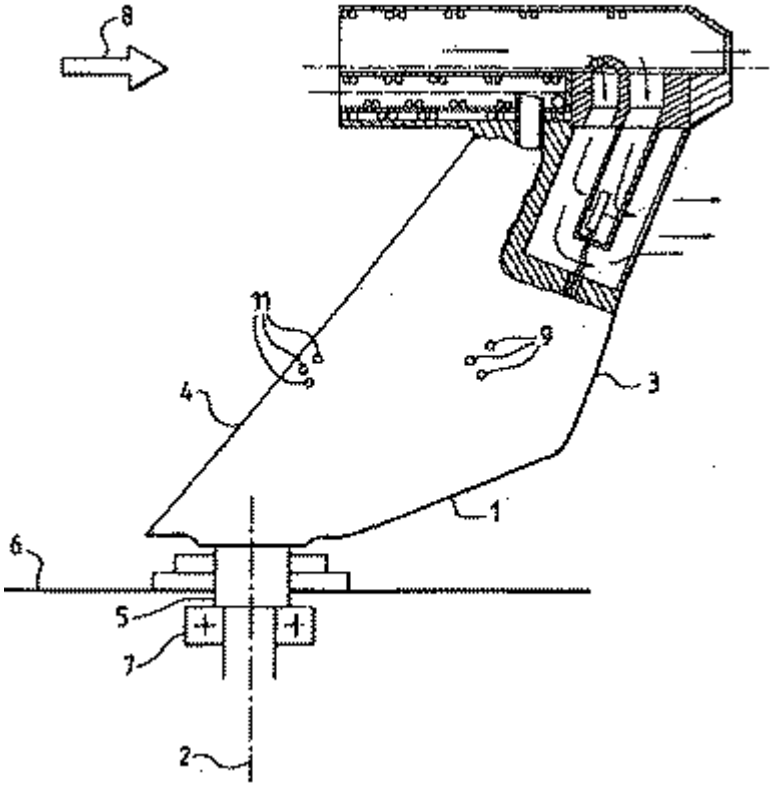
Abstract: NOVELTY - Multi-function probe for an aircraft has means for measuring the total pressure, temperature of the air flow around the plane and de-icing means. The inventive probe comprises a first Pitot tube arranged inside an outer tube that serves to direct an airflow towards a temperature sensor.

USE - Aircraft pressure and temperature probe.

ADVANTAGE - The inventive probe requires only a single heating wire.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a method for forming a heating wire within a multifunction probe for use in de-icing. Accordingly the wire is wound around a mandrel and then placed within the Pitot and temperature tubes.

Drawing:



Derwent Class Code(s): S02 (Engineering Instrumentation, recording equipment, general testing methods); S03 (Scientific Instrumentation, photometry, calorimetry); W06 (Aviation, Marine and Radar Systems)

Derwent Manual Code(s): S02-G02B; S03-B01E1; W06-B01C4

IPC: G01K-001/00; G01L-007/04; G01L-019/00; G01P-013/02; G01W-001/00; G01P-013/00

Patent Details:

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WO2003050496-A					
FR2833347-A1	13 Jun 2003	G01L-007/04	200362	Pages: 19	
WO2003050496-A2	19 Jun 2003	G01L-007/04	200362		French
EP1454149-A2	08 Sep 2004	G01P-013/02	200459		French
US2004237641-A1	02 Dec 2004	G01W-001/00	200481		
US7124630-B2	24 Oct 2006	G01P-013/00	200670		

Application Details and Date:

FR2833347-A1	FR015991	11 Dec 2001
WO2003050496-A2	WOFR04261	10 Dec 2002
EP1454149-A2	EP804605	10 Dec 2002
US2004237641-A1	US493567	26 Apr 2004
US7124630-B2	US493567	26 Apr 2004

Further Application Details:

EP1454149-A2	Based on	Patent	WO2003050496
EP1454149-A2	PCT application	Application	WOFR04261
US2004237641-A1	PCT application	Application	WOFR04261
US7124630-B2	Based on	Patent	WO2003050496
US7124630-B2	PCT application	Application	WOFR04261

Priority Application Information and Date:

FR015991	11 Dec 2001

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WO2003050496-A2:
(National): BR; CA; US
(Regional): AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR
EP1454149-A2:
(Regional): AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SI; SK; TR

Field of Search: x

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	US2404978-A		
	US2984107-A		
	US5025661-A	ALLIED-SIGNAL INC (ALLC)	MCCORMACK W H
FR2833347-A1	FR2802647-A1	THALES AVIONICS SA (THAL-Non-standard)	COLLOT L; CHOISNET J
	US2404978-A		
	US2984107-A		
	US5025661-A	ALLIED-SIGNAL INC (ALLC)	MCCORMACK W H
US7124630-B2	FR2802647-A1	THALES AVIONICS SA (THAL-Non-standard)	COLLOT L; CHOISNET J

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US5616861-A	ROSEMOUNT AEROSPACE INC (ROEC)	HAGEN F W
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US6076963-A	AVIONICS SPECIALTIES INC (AVIO-Non-standard)	MENZIES M A; BALTINS G U
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US6817240-B2	THALES AVIONICS SA (THAL-Non-standard)	COLLOT L; CHOISNET J
US2003051546-A1	THALES AVIONICS SA (THAL-Non-standard)	COLLOT L; CHOISNET J

Cited Article(s):

EP1454149-A2 See references of WO 03050496A2