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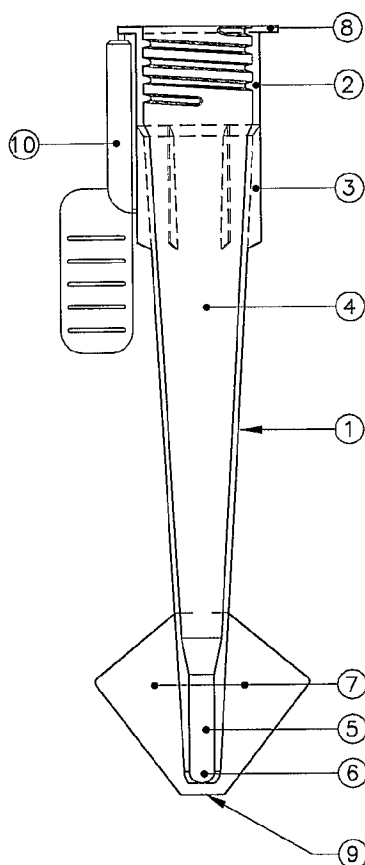
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[Continued on next page]

(54) Title: A SEALING NOZZLE AND FILLETING TOOL



(57) Abstract: A sealing nozzle and filleting tool which is adapted for attachment to an outlet of a sealant cartridge. The nozzle has a hollow tapered body section one end of which is shaped to enable attachment of the body section to the outlet of the sealant cartridge which in use is held at an angle of approximately 45 degrees to the sealant joint. The other end has an outlet with a delta shaped pair of wings or flaps. The hollow body section adjacent the outlet has a bore therein of constant cross section.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B05C 17/005 (2006.01) **B65D 25/40** (2006.01) **B05C 21/00** (2006.01) **B65D 35/38** (2006.01)

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)

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI – IPC B05C 17/-, 21/-, B65D 35/- & Keywords (caulking, sealant, gun, applicator, cartridge, nozzle, tip, outlet, bore, section, cross, wing, scraper, delta, applicator) and like terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 196 46 352 A1 (ALFRED KRATZ KUNSTSTOFFPRODUKTE GMBH) 14 May 1998. FIGS. 1 & 2; column 2, lines 36-66.	1-9, 12-14
A	US 5,017,113 A (HEATON, et al.) 21 May 1991. FIGS. 4 & 5; column 2, lines 15-38; Paragraph 3, lines 15-38.	1-14
A	US 4,570,834 A (WARD) 18 February 1986. FIGS. 1-3; column 3, lines 40-48.	1-14
A	US 4,957,225 A (CHILDERS) 18 September 1990. FIGS. 4 & 5.	1-14



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,154,327 A (LONG) 13 October 1992. See whole document.	1, 3, 4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2007/000114

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
DE	19646352				
US	5017113				
US	4570834	AU	19249/83	DK	431583
		FI	833331	GB	2127283
		JP	59130967	NO	833418
		ZA	8307011	EP	0106387
				GR	81264
				PT	77369
US	4957225				
US	5154327				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
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