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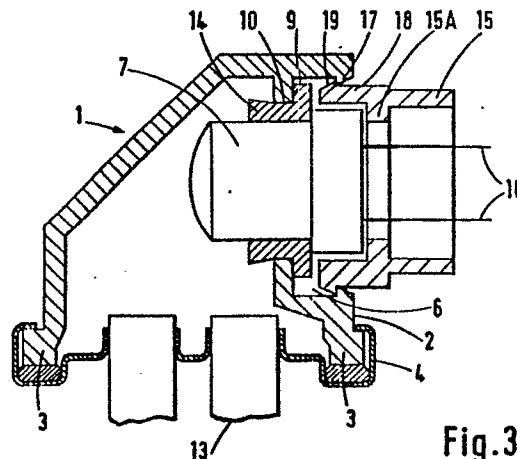
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**54** A header tank for a heat exchanger.

**57** A header tank for a heat exchanger, eg a vehicle radiator, comprising a plastics header tank shell (1) having an aperture (10) in a recess (6) in a side face (2) into which a component, eg a thermostat (7), is to be push-fitted and a retaining member (15) attachable to the shell (1) for preventing blow-out of the thermostat (7) and having resilient arms (18) which fit into the recess (6) and which engage and snap fit with projections (17) in the side walls of the recess (6). As no part of the shell (1) provided for engaging the retaining member (15) projects beyond the outer surface of the face (2), manufacture of the shell (1) by die-casting is facilitated. Several different ways of attaching different forms of retaining members (15) to the side walls of the recess (6) are described.



**Fig.3**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	FR-A-2 249 299 (SÜDDEUTSCHE KÜHLERFABRIK) * Claim 1; figures 1-7 *	1,2	F 28 F 9/02 F 28 F 9/06
Y	DE-C- 416 836 (MITTELDEUTSCHE KÜHLERFABRIK TEVES & BRAUN) * Claim; figures 1-3 *	1,2	
A	US-A-4 449 692 (RHODES) * Column 1, lines 23-28; column 2, lines 19-29; figures 1,3 *	3,4	
A	FR-A-2 551 852 (SÜDDEUTSCHE KÜHLERFABRIK) * Claims 1-3; figures 1-7 *	5-8	
A	EP-A-0 079 863 (INDUSTRIA PIEMONTESE RADIATORI AUTOMOBILI)		TECHNICAL FIELDS SEARCHED (Int. Cl.4) F 28 F
A,P	GB-A-2 170 899 (DAIMLER-BENZ)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 08-09-1987	Examiner HOERNELL, L.H.
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	