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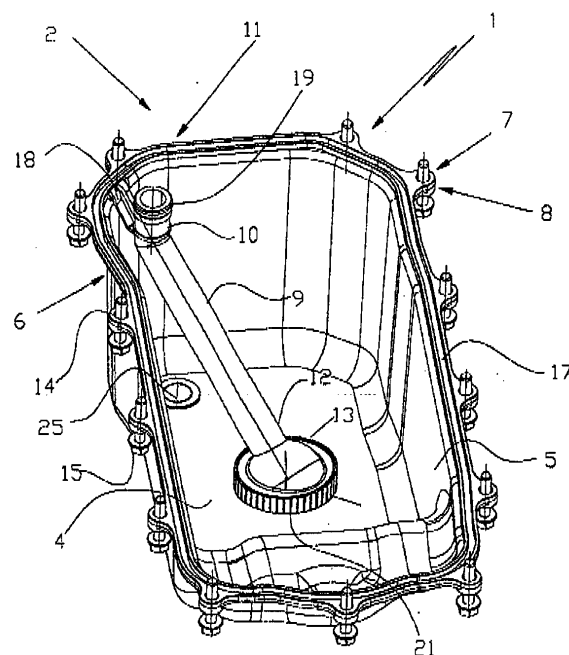
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(54) **Oil pan for automotive engines and method of making same**

(57) An oil pan structure for an internal combustion engine, particularly for motor vehicles, comprising a box-like oil receptacle (2), formed by a tray (3) having side walls (5), a bottom wall (4), an upper edge (6) with an attachment portion (7) to be anchored to the engine block by suitable fastening means (8), an oil suction tube (9) extending from the top of the edge (6) into the receptacle (2). The tube (9) has a first end and a second end connected to the box-like receptacle (2) by upper connection means (11). The structure is characterized in that the box-like receptacle, the tray, the suction tube, the fastening means the connection means are formed in a substantially rigid thermoplastic material, capable of resisting to oil corrosion and mechanical stresses caused by the engine and the roadbed in a temperature range from -40°C to +150°C.



**FIG. 1**



## EUROPEAN SEARCH REPORT

Application Number  
EP 06 01 1429

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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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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			F01M
Place of search		Date of completion of the search	Examiner
The Hague		12 May 2010	Flamme, Emmanuel
CATEGORY OF CITED DOCUMENTS		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	
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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