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(54) Fuel pump mounting structure of motorcycle

(57) Disclosed is a fuel pump mounting structure of motorcycle. A motorcycle includes a fuel tank (7) in which a fuel pump (5) assembly is mounted. The fuel tank (7) has a bottom forming an inward recessed portion. The inward recessed portion (74) has an upper end portion (741) and a lower end portion (742). The upper end portion (741) of the inward recessed portion (74) forms a mounting hole (721). The fuel pump assembly is mounted

to the mounting hole. The fuel pump assembly includes a support arm (4) and the support arm supports a fuel pump in such a way to allow the fuel pump to extend into and locate close to the lower end portion of the inward recessed portion (74) of the fuel tank (7), so that the operation load of the fuel pump (5) is reduced and fuel drawing efficiency is increased, and further, the maintenance and assembling of the fuel pump (5) is simplified.

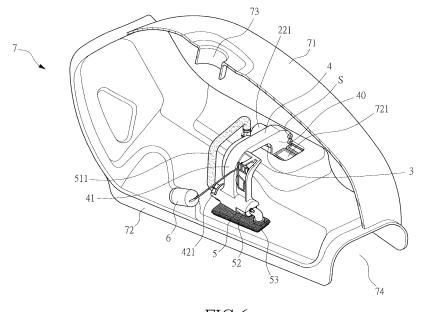


FIG.6

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EUROPEAN SEARCH REPORT

Application Number EP 10 15 0714

	DOCUMENTS CONSID				_			
Category	Citation of document with in of relevant pass		appropriate	,		elevant claim		CATION OF THE ION (IPC)
X Y	US 2007/113832 A1 (24 May 2007 (2007-6 * the whole documen	5-24)	I [JP]	ET AL)		5 1,6,7, ,15	INV. F02M37, F02M37,	
Y A	US 2008/245423 A1 (AL) 9 October 2008 * the whole documer	(2008-10-0	JSHI [J 99)	P] ET		1,6,7, ,15		
X , P	WO 2009/125008 A1 (SYSTEMS RES [BE]; M LECRIVAIN FRANC) 15 October 2009 (20 * the whole document	1BOG EDOUAF 109-10-15)	OMOTIV RD [FR]	E ;	1,8 13	3,12,		
A	US 6 907 865 B1 (HA 21 June 2005 (2005- * the whole documer	-06-21)	Y D [U	S])		3,6-8, -15		
A	EP 0 646 722 A1 (FOWERKE AG [DE]; FORD 5 April 1995 (1995-* the whole documents)	MOTOR CO -04-05)	CO [GB]	; FORD	1		TECHNIC SEARCHI F02M	AL FIELDS ED (IPC)
	The present search report has	been drawn up fo	r all claims					
	Place of search	Date o	f completion of	the search			Examiner	
	The Hague	17	March	2011		Van	Zoest,	Peter
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anot ment of the same category nological background written disclosure mediate document	her	E : ear afte D : doo L : doo		ument the a rothe	, but publis pplication r reasons		

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 10 15 0714

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-03-2011

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2007113832	A1	24-05-2007	NON	E		-
US 2008245423	A1	09-10-2008	JР	2008254634	Α	23-10-20
WO 2009125008	A1	15-10-2009	FR KR US	2929891 20100135893 2011035928	Α	16-10-20 27-12-20 17-02-20
US 6907865	B1	21-06-2005	NON	 E		
EP 0646722	A1	05-04-1995	DE ES US	69416479 2127895 5445503	T3	25-03-19 01-05-19 29-08-19
				5445503	A 	29-08
e details about this anne						