# 

# (11) **EP 2 644 875 A3**

(12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 12.07.2017 Bulletin 2017/28

(51) Int Cl.: **F02M** 35/024 (2006.01)

(43) Date of publication A2: **02.10.2013 Bulletin 2013/40** 

(21) Application number: 13161564.3

(22) Date of filing: 28.03.2013

(84) Designated Contracting States:

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR Designated Extension States:

**BA ME** 

(30) Priority: **28.03.2012 JP 2012074084 15.11.2012 JP 2012250949** 

(71) Applicant: Yamaha Hatsudoki Kabushiki Kaisha Iwata-shi, Shizuoka 438-8501 (JP)

(72) Inventors:

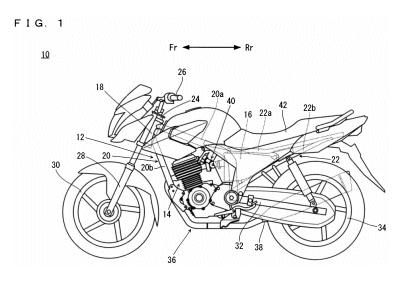
 Satou, Shintarou lwata-shi, Shizuoka 438-8501 (JP)

- Matsumoto, Soichiro Iwata-shi, Shizuoka 438-8501 (JP)
- Suzuki, Hiroyuki lwata-shi, Shizuoka 438-8501 (JP)
- Ishida, Yousuke Iwata-shi, Shizuoka 438-8501 (JP)
- (74) Representative: Grünecker Patent- und Rechtsanwälte
  PartG mbB
  Leopoldstraße 4
  80802 München (DE)

## (54) Saddle type vehicle

(57) There is provided a saddle type vehicle which includes an air cleaner capable of supplying air smoothly to the engine without scarifying the ease of riding on the saddle type vehicle or ease of placing both feet onto the ground. A saddle type vehicle includes a frame, an engine, an air cleaner, an air intake path and a seat. The air cleaner has a case and a filter unit. The case includes a first case portion and a second case portion, being split-

table from each other in a left-right direction. The first case portion has a tubular portion for taking air in. The filter unit is at a position more rearward than the air intake path and more forward than an open end of the tubular portion. The filter unit opposes to the open end of the air intake path in a fore-aft direction while, in a plan view, being across a joint region between the first case portion and the second case portion.





# **EUROPEAN SEARCH REPORT**

Application Number EP 13 16 1564

Category	Citation of document with ind of relevant passag		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)		
A	JP H10 266911 A (HON 6 October 1998 (1998 * abstract; figures	-10-06)	1-3	INV. F02M35/024		
A	JP H04 159447 A (SUZ 2 June 1992 (1992-06 * abstract; figures	-02)	1-3			
A	EP 1 526 273 A2 (YAM 27 April 2005 (2005- * abstract * * column 3, paragrap paragraph 32; figure	h 20 - column 5,	1-3			
A	EP 1 186 771 A2 (HON 13 March 2002 (2002- * abstract * * column 5, paragrap paragraph 25; figure	h 22 - column 6,	1,2			
A	AL) 25 March 2010 (2 * abstract *	ATO MASATOSHI [JP] ET 010-03-25) 39 - page 3, paragraph 	1	TECHNICAL FIELDS SEARCHED (IPC)		
	The present search report has be	en drawn up for all claims				
	Place of search	Date of completion of the search	,,	Examiner		
	The Hague	2 June 2017	van	Zoest, Peter		
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		E : earlier patent doc after the filing dat D : document cited in L : document cited fo	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			
	-written disclosure rmediate document	&: member of the sa	me patent family,	corresponding		

#### EP 2 644 875 A3

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

EP 13 16 1564

5

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.

02-06-2017

10	Patent document cited in search repo		Publication date		Patent family member(s)		Publication date
	JP H10266911	А	06-10-1998	JP JP	3466043 H10266911		10-11-2003 06-10-1998
15	JP H04159447	Α	02-06-1992	NONE			
20	EP 1526273	A2	27-04-2005	AT CN EP ES JP JP TW	2350448	A A2 T3 B2 A	15-10-2010 27-04-2005 27-04-2005 24-01-2011 16-09-2009 19-05-2005 21-03-2006
25	EP 1186771	A2	13-03-2002	CN DE DE EP ES JP	60108453 1186771 2236095	D1 T2	03-04-2002 24-02-2005 23-06-2005 13-03-2002 16-07-2005 25-10-2006
30				JP TW US		A U A1	22-03-2002 11-06-2004 07-03-2002
35	US 201007165	0 A1	25-03-2010	AR BR CA CN JP JP US	073517 PI0903397 2676032 101676546 5047105 2010071245 2010071650	A2 A1 A B2 A	10-11-2010 01-06-2010 19-03-2010 24-03-2010 10-10-2012 02-04-2010 25-03-2010
40							25-05-2010
45							
50	623						
55	FORM P0458						

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82