

178
142

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SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
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Señora Jefe de la
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SuperIntendencia de Industria y Comercio
E. S. D.

Trámite :002
Evento :001
Actuación:444

Referencia : Expediente No. **03113608**
Asunto : Solicitud de patente para: **ESTRUCTURA DE DISTRIBUCION DE UNIDAD ELECTRICA EN UNA MOTOCICLETA**

Solicitante : **HONDA GIKEN KOGYO KABUSHIKI KAISHA**

1. Yo, Emillo FERRERO, obrando como apoderado del solicitante en el asunto antes identificado, me refiero al oficio número 13938 notificado por fijación en lista del 1 de diciembre de 2006, y atentamente presento junto con este escrito la copla en inglés del modelo de utilidad japonés No. **58-196.142**, con número de publicación 60-103083.

2. Puesto que se han atendido a cabalidad las peticiones hechas por su Despacho sobre la presente solicitud de patente, atentamente solicito que se continúe su tramitación.

Bogotá,
Señora Jefe,



EMILIO FERRERO

T.P.A. No. 31.929

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発明: OCHIAI & CO.

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(Translation)

Japanese Utility Model Application Laid-Open No. 60-103083

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B 60 R 16/02		7443-3D	Request for Examination:
B 62 J 1/28		7453-3D	Unrequested (full pages)

(54) Title of Invention:	Device for Housing Electrical Component of Motorcycle		
	(21) Utility Model Application No. 58-198142		
	(22) Filing Date: December 20, 1983		
(72) Inventor:	Masaru Iwasaki	37-1, Terajima-cho, Hamamatsu	
(71) Applicant:	Suzuki Motor Corporation	300, Takatsuka, Kamimura, Hamana-gun, Shizuoka	
(74) Agent:	Patent Attorney, Kiyoshi Inomata (and other 3 persons)		

209-103083

180
144

SPECIFICATION

1. TITLE OF INVENTION:

DEVICE FOR HOUSING ELECTRICAL COMPONENT OF MOTORCYCLE

2. CLAIM:

A device for housing an electrical component of a motorcycle, characterized in that the device comprises a bridge piece formed of a light alloy plate and attached to rear ends of left and right rear pipes of a frame, and the electrical component is mounted on an upper surface of the bridge piece and covered by a tail cover.

3. DETAILED DESCRIPTION OF THE DEVICE:

The invention relates to a device for housing an electrical component of a motorcycle.

A motorcycle uses electrical components such as an igniter and a regulator. Generally, such electrical components are mounted under a fuel tank in a front part of a frame, or under a seat in a central part of the frame. However, these places are near an engine and thus in an atmosphere of hot air of the engine. Therefore, the hot air may deteriorate performance of the electrical components. Further, an air cleaner, a battery and the like are housed in a space under the seat so that the space is narrowed. Therefore, it is difficult to mount the electrical components therein, and assembling operation is troublesome.

The present invention has been achieved with the above circumstances in view, and provides an improvement by housing an electrical component in a space at a rear end of a frame where heat of an engine does not affect the electrical component. One embodiment of the present invention shown in the drawings attached hereto will be described below.

Left and right rear pipes 2, which are a rear part of a frame 1 of a motorcycle, have rear ends connected to each other through a bridge piece 3 formed of a light

181
145

alloy plate. Electric components 4 such as a regulator, an igniter and a fuse box are mounted on an upper surface of the bridge piece 3. The electrical components 4 are covered by and housed in a tail cover 5. Reference numerals 6, 7 and 8 denote a fuel tank, a seat and a frame cover, respectively.

The operation will be described below.

The electrical components 4 can be mounted on the bridge piece 3 in a concentrated manner. The electrical components 4 are spaced away from the engine, and receive no thermal adverse effect of the heat of the engine. Further, the bridge piece 3 is formed of a light alloy plate so that it has an excellent heat dissipation and also allows a rapid heat dissipation of the electrical components 4 themselves. Thus, the performance of the electrical components 4 can be maintained. The bridge piece 3 is connected at left and right opposite sides to rear ends of the rear pipes 2 of the frame 1 so as to also serve as a reinforcement member for the rear pipes 2. Further, the electrical components 4 are covered by the tail cover 5 so that the electrical components 4 are not exposed to rain water, thereby securing safety.

As described above, in the present device, the bridge piece formed of a light alloy plate is attached to the rear ends of the left and right rear pipes of the frame, and the electrical components are mounted on the upper surface of the bridge piece so as to be covered by the tail cover. Therefore, the electrical components can be arranged on the bridge piece in a concentrated manner without receiving the heat of the engine, and the bridge piece allows a rapid heat dissipation, whereby the performance of the electrical components can be maintained. Further, the bridge piece also serves as a reinforcement member, and the electrical components are covered by the tail cover, thereby securing safety.

4. BRIEF DESCRIPTION OF THE DRAWINGS:

The drawings attached hereto show one embodiment of the present device; wherein Fig. 1 is a side view of the present device; and Fig. 2 is an enlarged

482
146

'07年02月20日(火) 14時48分 発: CAVALIER

発: OCHIAI & CO.

P: 551

P. 05

4

perspective view of an essential part of the present device.

1 ... frame, 2 ... rear pipe, 3 ... bridge piece, 4 ... electrical component,
5 ... tail cover

Agent of Applicant: Kiyoshi Inomata

添付ページは 05 ページです。

483
142

日本国特許庁(JP)

⑥実用新案出

④ 公開実用新案公報 (U) 昭60-

①Int.Cl. ⁴	識別記号	庁内整理番号	⑤公開 昭和60年(1
B 62 J 9/02		7453-3D	
B 60 R 16/02		7443-3D	
B 62 J 1/28		7453-3D	審査請求 未請求

⑦考案の名称 オートバイの電装部品収容装置

⑧実 願 昭58-196142

⑨出 願 昭58(1983)12月20日

⑩考 案 者 嶋 崎 勝 浜松市中央町37-1

⑪出 願 人 鈴木自動車工業株式会社 静岡県浜名郡可美村高取300番地
社

⑫代 理 人 弁理士 瀧 股 清 外3名

⑬実用新案登録請求の範囲

フレームの左右後パイプの後端に軽合金板で形成したブリッジ片を連結し、該ブリッジ片の上面に電装部品を取着し、テールカバーで覆うようにしたことを特徴とするオートバイの電装部品収容装置。

図面の簡単な説明

図は本考案の一実施例を示し、
図、第2図は要部の拡大斜視図で、
1……フレーム、2……後パイプ
ブリッジ片、4……電装部品、5……テ

第 1 図

第 2 図

