



【發明名稱】 The construction of simple inflation valve. 簡易式充氣閥構造

【發明摘要】 The summary to the invention

一種簡易式充氣閥構造，主要係於一底座中央設有一通孔，通孔底面設有一 PU 膜片，該膜片於對應通孔之外圍處環設有至少一個孔洞，並經由高週波或模壓加工技術將膜片外周緣與底座壓合，一擠壓體設於底座上方，具受壓後可彈性回復之彈性，其內部具有一氣室空間，氣室頂部設有至少一穿孔，底部周緣則設有密封緣，且同樣經由其它加工技術結合於底座而形成一充氣閥構造，藉此使該充氣閥與另一氣囊結合成為一襯墊氣囊，並可按壓此充氣閥使氣囊達到充氣之效果。

This is the construction to a simple designed inflation valve. It mainly has a ventilation hole built in the center of a base. A PU membrane is designed at the bottom of ventilation hole. At least one drilled through hole is built at the outskirts of corresponding membrane to ventilation hole. Either the fabrication technique of high frequency or mold pressing is applied to build the pressed connection between outskirts of membrane and base. One piece of squeezed object is designed and set up at the top of the base. The bounce will recover freely once the object is being squeezed. An interior air chamber is built and available. At least one through hole is built at the top of air chamber. The seal is being made around the skirt at the bottom. A construction of inflation valve at base will be formed by applying to the combination of other fabrication techniques. Once the combination between inflation valve and air bag becomes a lining airbag, The airbag will be inflated with air when the inflation valve is being pressed or squeezed.

參考圖檔（不用翻譯，只是讓您理解用而已）：