

# Patents

## 1. AIR VENT STRUCTURE OF OIL PUMP FOR AUTOMATIC TRANSMISSION, AND METHOD FOR ASSEMBLING AIR VENT STRUCTURE

(Fig. 1)

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Title : AIR VENT STRUCTURE OF OIL PUMP FOR AUTOMATIC TRANSMISSION, AND METHOD FOR ASSEMBLING AIR VENT STRUCTURE

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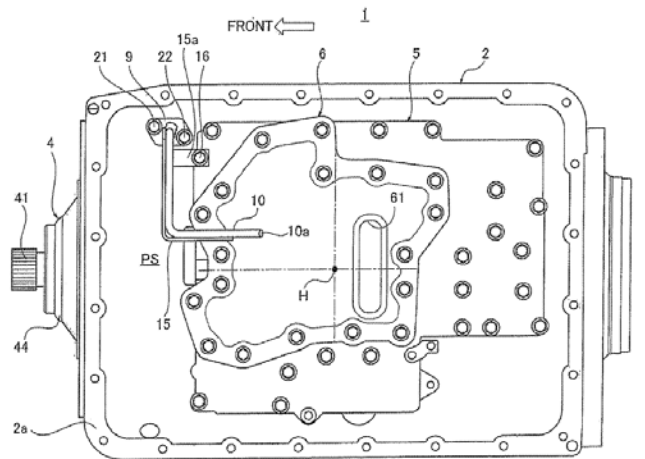
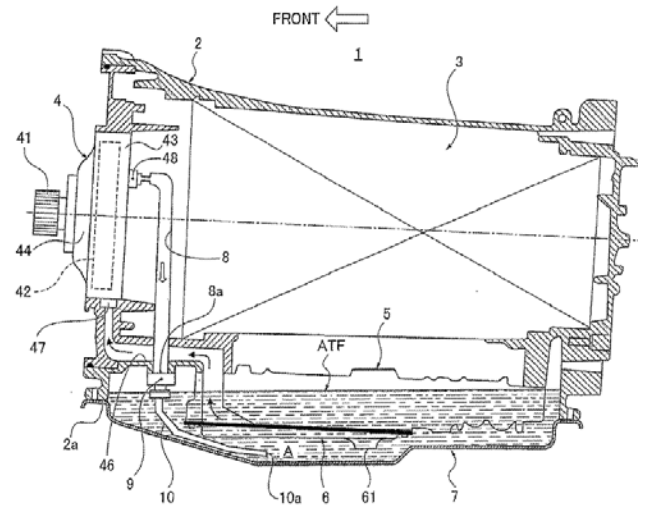


Fig. 1

### 【SUMMARY OF THE INVENTION】

An automatic transmission has an oil pump driven by a travelling driving source. An air vent structure that expels air bubbles contained in automatic transmission fluid during pump operation has an air vent hole whose one end communicates with an outlet port of the oil pump and whose other end opens toward the oil pan. An air vent tube is connected to an opening end of the air vent hole. The air vent tube is extended up to a strainer lower side gap area located between a strainer and the oil pan, and a tube opening end of the air vent tube is placed in oil of the automatic transmission fluid.