

ABSTRACT

Problems: To provide a seal structure that keeps a needle from sliding with respect to a seal and is easily detachable, and a device having the seal structure.

- 5 Solution: A seal through which a needle of a valve device is to be inserted, the valve device including a fluid chamber having an outflow hole and an inflow hole, and the needle of which fore end reciprocates in the fluid chamber, the seal including a main body made of an elastic body having a needle fitting insertion hole formed for the needle to be inserted and fit into, and a flange portion made of an elastic body annularly
- 10 extending from the main body in a radial direction outward, wherein one end opening diameter (D_3) of the needle fitting insertion hole is smaller than the other end opening diameter (D_2) of the needle fitting insertion hole, a seal structure including that seal, and a device including that seal structure.

- 15 Figure 2