

ABSTRACT

Injection head for liquid fire extinguishing agent

To provide an injection head for liquid fire extinguishing agent that has good diffusion characteristics and vaporization characteristics of liquid fire extinguishing agent, can enlarge a fire extinguishing scope covering by one injection head and, as well as can enhance reduction efficiency of noise; the injection head for liquid fire extinguishing agent 1 is comprising of an injection head body 2 connecting with a pipe providing the liquid fire extinguishing agent, an orifice plate 3 arranged in the injection head body 2 and formed with an orifice 31 through which flowing the liquid fire extinguishing agent and, a porous member 4 having a block shape arranged in an exiting part of the orifice 31 and, a baffle plate 5 arranged contacting with an end surface of the porous member 4 opposite side of the exiting part of the orifice 31; and the baffle plate 5 covers at least a projected area of a circumscribed circle 31c of the orifice 31 of the end surface of the porous member 4 and, the liquid fire extinguishing agent is released via a gap 6 formed between the injection head body 2 and the baffle plate 5.

Fig. 1