

ASSIST APPARATUS FOR INLET-OUTLET GATE

ABSTRACT

An assist apparatus to be combined with an inlet-outlet gate to enlarge an open area of a door block and eliminate a notch generated when the size of a casing is reduced. The assist apparatus includes a sheath, a fixing unit and an elastic member. The sheath is movably disposed at one end of the opening and has a fitting portion corresponding to and fitting with an end edge of the door block. A pivot portion and an elastic member connecting portion are provided on each of two sides of the sheath. The fixing unit disposed inside the casing and above the sheath neighbors on the sheath. The elastic member disposed between the sheath and the fixing unit provides a restoring force to restore the sheath to an original position. Thus, the open area of the inlet-outlet gate is enlarged, and the notch and a security problem can be eliminated.

Figure 3