SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

F16 ENGINEERING ELEMENTS OR UNITS; GENERAL MEASURES FOR PRODUCING AND MAINTAINING EFFECTIVE FUNCTIONING OF MACHINES OR INSTALLATIONS; THERMAL INSULATION IN GENERAL

F16T STEAM TRAPS OR LIKE APPARATUS FOR DRAINING-OFF LIQUIDS FROM ENCLOSURES PREDOMINANTLY CONTAINING GASES OR VAPOURS

1/00 Steam traps or like apparatus for draining-off liquids from enclosures predominantly containing gases or vapours, e.g. gas lines, steam lines, containers [1, 2006.01]

1/02 • with valves controlled thermally **[1, 2006.01]**

1/04 • • by expansion rods **[1, 2006.01]**

1/06 • • by expansion tubes **[1, 2006.01]**

1/08 • • by bimetallic strips or plates **[1, 2006.01]**

1/10 • • by thermally-expansible liquids **[1, 2006.01]**

1/12 • with valves controlled by excess or release of pressure **[1, 2006.01]**

1/14 • • involving a piston, diaphragm, or bellows, e.g. displaceable under pressure of incoming condensate **[1, 2006.01]**

1/16 • • involving a high-pressure chamber and a low-pressure chamber communicating with one another, i.e. thermodynamic steam chambers **[1, 2006.01]**

1/18 • • involving a vacuum chamber **[1, 2006.01]**

1/20 • with valves controlled by floats **[1, 2006.01]**

1/22 • • of closed-hollow-body type **[1, 2006.01]**

1/24 • • • using levers **[1, 2006.01]**

1/26 • • of upright-open-bucket type **[1, 2006.01]**

1/28 • • • using levers **[1, 2006.01]**

1/30 • • of inverted-open-bucket type; of bell type **[1, 2006.01]**

1/32 • • of rocking or tilting type **[1, 2006.01]**

1/34 • without moving parts other than hand valves, e.g. labyrinth type **[1, 2006.01]**

1/36 • specially adapted for steam lines of low pressure **[1, 2006.01]**

1/38 • Component parts; Accessories **[1, 2006.01]**

1/40 • • Actuating mechanisms of ball valves **[1, 2006.01]**

1/42 • • Actuating mechanisms of slide valves **[1, 2006.01]**

1/45 • • Means for venting or aerating (separate devices therefor F16K 24/00) **[2, 2006.01]**

1/48 • • Monitoring arrangements for inspecting, e.g. flow of steam and steam condensate **[1, 2006.01]**