

**CPC****COOPERATIVE PATENT CLASSIFICATION****F16T****STEAM TRAPS OR LIKE APPARATUS FOR DRAINING-OFF LIQUIDS FROM ENCLOSURES PREDOMINANTLY CONTAINING GASES OR VAPOURS****Guidance heading:**

- F16T 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**
- F16T 1/02      . with valves controlled thermally
  - F16T 1/04      . . by expansion rods
  - F16T 1/06      . . by expansion tubes
  - F16T 1/08      . . by bimetallic strips or plates
  - F16T 1/10      . . by thermally-expansible liquids
  - F16T 1/12      . with valves controlled by excess or release of pressure
  - F16T 1/14      . . involving a piston, diaphragm, or bellows, e.g. displaceable under pressure of incoming condensate {[F16T 1/10](#) takes precedence }
  - F16T 1/16      . . involving a high-pressure chamber and a low-pressure chamber communicating with one another, i.e. thermodynamic steam chambers
  - F16T 1/165      . . . {of disc type }
  - F16T 1/18      . . involving a vacuum chamber
  - F16T 1/20      . with valves controlled by floats
  - F16T 1/22      . . of closed-hollow-body type
  - F16T 1/24      . . . using levers
  - F16T 1/26      . . of upright-open-bucket type
  - F16T 1/28      . . . using levers
  - F16T 1/30      . . of inverted-open-bucket type; of bell type
  - F16T 1/305      . . . {using levers }
  - F16T 1/32      . . of rocking or tilting type
  - F16T 1/34      . without moving parts other than hand valves, e.g. labyrinth type
  - F16T 1/36      . specially adapted for steam lines of low pressure
  - F16T 1/38      . Component parts; Accessories { (valves in general [F16K](#) ) }
  - F16T 1/383      . . {Valve closing members or valve seats }
  - F16T 1/386      . . {Actuating mechanisms for lift valves }
  - F16T 1/40      . . Actuating mechanisms of ball valves
  - F16T 1/42      . . Actuating mechanisms of slide valves
  - F16T 1/45      . . Means for venting or aerating ([separate devices therefor F16K 24/00](#))

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. . Monitoring arrangements for inspecting, e.g. flow of steam and steam condensate