

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