

## CPC

## COOPERATIVE PATENT CLASSIFICATION

## F16T

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

## 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](#))

F16T 1/48

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