CPC  COOPERATIVE PATENT CLASSIFICATION

F  MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

( NOTE omitted )

ENGINEERING IN GENERAL

F16  ENGINEERING ELEMENTS AND 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

WARNING
In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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
1/02  . with valves controlled thermally
1/04  . . by expansion rods
1/06  . . by expansion tubes
1/08  . . by bimetallic strips or plates
1/10  . . by thermally-expansible liquids
1/12  . with valves controlled by excess or release of pressure
1/14  . . involving a piston, diaphragm, or bellows, e.g. displaceable under pressure of incoming condensate { ( F16T 1/10 takes precedence ) }
1/16  . . involving a high-pressure chamber and a low-pressure chamber communicating with one another, i.e. thermodynamic steam chambers
1/165  . . . [ of disc type ]
1/18  . . . involving a vacuum chamber
1/20  . . with valves controlled by floats
1/22  . . . of closed-hollow-body type
1/24  . . . using levers
1/26  . . . of upright-open-bucket type
1/28  . . . using levers
1/30  . . . of inverted-open-bucket type; of bell type
1/305  . . . [ using levers ]
1/32  . . . of rocking or tilting type
1/34  . . without moving parts other than hand valves, e.g. labyrinth type
1/36  . . specially adapted for steam lines of low pressure
1/38  . Component parts; Accessories { ( valves in general F16K ) }
1/383  . . [ Valve closing members or valve seats ]
1/386  . . [ Actuating mechanisms for lift valves ]
1/40  . . Actuating mechanisms of ball valves
1/42  . . Actuating mechanisms of slide valves
1/45  . . Means for venting or aerating { separate devices therefor F16K 24/00 } 
1/48  . . Monitoring arrangements for inspecting, e.g. flow of steam and steam condensate