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(54) Title: **PRESSURE RELIEF VALVE**

(57) Abstract

A pressure relief valve has a body (12) including a chamber (12c) having an inlet port (12g) and an outlet (12k), the inlet port (12g) providing fluid communication between the chamber (12c) and the passageway. A guide (14) is removably secured to the body (12) and defines a bore (14e) extending into the chamber (12c) and an open-ended portion extending away from the chamber (12c). A spindle (24) is slidably disposed in the bore (14e) between a first position in which the port is open and a second position in which the disc (24b) exposed to the fluid in the passageway is recessed from the internal wall a distance no greater than one half the diameter of the passageway. A spring (32) and adjusting screw (38) are disposed in the open-ended portion of the guide and bears on the spindle (24) for biasing the spindle (24) in the first position while fluid pressure is less than a set pressure.

