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(54) Title: SAFETY VALVE CONTROL SYSTEM AND METHOD OF USE

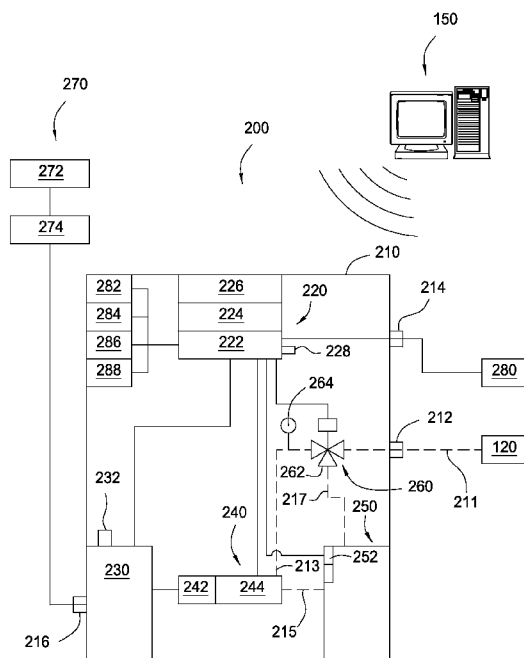


FIG. 2

(57) Abstract: A safety valve control system may include a re-
motely operable control assembly; a first transducer, a valve assem-
bly, and a pump assembly in communication with the control assem-
bly; and a fluid reservoir in communication with the valve and
pump assemblies and a safety valve. The control assembly is opera-
ble to actuate the pump and valve assemblies to supply and return
fluid from the fluid reservoir to actuate the safety valve into open
and closed positions, in response to one or more signals received
from the first transducer. A method of operation may include main-
taining the safety valve in an open position while sensing a physi-
cal property with the control system; communicating a signal cor-
responding to the sensed physical property to the control system;
and automatically closing the safety valve in response to a compar-
ison of the sensed physical property to a pre-set condition.



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