

Title (en)

DEVICE FOR MEASURING THE RELEASE OF COMPRESSED GAS FROM TANKS AS A FUNCTION OF TIME

Publication

EP 0083415 B1 19850522 (DE)

Application

EP 82110981 A 19821127

Priority

DE 3152013 A 19811231

Abstract (en)

[origin: US4485669A] A device for determining the timely delivery of compressed gas from compressed-gas containers for ejection and discharge tubes of submarines in which the compressed gas is suppliable via a system-controlled blowout valve comprising a compressed-gas container having a pressure pick-off with a pressure gauge and a converter for producing an electrical signal representing the actual pressure value. Upper and lower desired pressure values in the form of electrical signals are adjustable on transmitters electrically connected to separate comparator stages to which the electrical signal of the actual pressure value and, in each case, one of the signals of the adjusted predetermined values are supplied and by which a timing member having a running time indicator is controlled. The timing member is started when the pressure in the compressed-gas container falls below the adjusted upper pressure value and is stopped when the pressure in the compressed-gas container reaches the adjusted lower pressure value.

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