

Title (en)

DEVICE AND METHOD FOR CONTROLLING PRESSURE IN STORAGE INJECTION SYSTEMS WITH AN ELECTROMAGNETICALLY ACTUATED PRESSURE CONTROL MEMBER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM DRUCKREGELN IN SPEICHEREINSPRITZSYSTEMEN MIT EINEM ELEKTROMAGNETISCH BETÄTIGTEN DRUCKSTELLGLIED

Title (fr)

PROCEDE ET DISPOSITIF DE REGULATION DE LA PRESSION DANS DES SYSTEMES D'INJECTION A ACCUMULATION AVEC UN ELEMENT D'AJUSTEMENT DE LA PRESSION

Publication

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Application

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Abstract (en)

[origin: DE19802583A1] The invention relates to a storage injection system which has a pressure control member (16) with a shut-off body (163) which is actuated by an electromagnetic drive mechanism (165, 167). The pressure is regulated by means of a cascade connection of two control systems. The first control system (191) determines a triggering signal with a desired current value for the electromagnetic drive mechanism and the second control system (192) adapts the current value detected in the electromagnetic drive mechanism to said predetermined desired current value.

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