Title (en)

Valve motor.

Title (de)

Stellantrieb.

Title (fr)

Moteur pour une vanne.

Publication

EP 0419946 B1 19940316 (DE)

Application

EP 90117575 A 19900912

Priority

CH 351889 A 19890928

Abstract (en)

[origin: JPH03121203A] PURPOSE: To enhance the controllability by cooperating an adjusting orifice which is associated with a main piston in an adjusting drive device through the intermediary of a link device, and which is provided in a discharge orifice, with a front control piston device to be feed-back controlled in response to a distance signal. CONSTITUTION: In an adjusting drive device 1 for operating a regulator valve 2 for opening and closing a high temperature steam conduit 2a in a turbine installation, an oil supply conduit 40 is connected to a lower chamber 5 in a main piston 4 which is coupled to the regulator valve 2 through the intermediary of a rod 3. The conduit 40 is connected thereto with a branch conduit 42 provided therein with an adjusting orifice 14 through which the branch conduit 42 communicates with a discharge device. The adjusting orifice 14 is associated with the motion of a main piston 4 through a link device 15, and has a closing member 16 linked to the piston 17 in the front control piston device 18. In this case, the front control piston device 18 feed-back controls a directional control valve 33 by an electronic control device 31 in accordance with an output of a distance detector 21 for detecting a position of a piston 17.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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