

Title (en)

PROCEDURE FOR ENERGY PRODUCTION IN POWER PLANTS INSTALLED IN A ROOM UNDER THE WATER SURFACE OF A HEAD STORE.

Title (de)

ENERGIE-ERZEUGUNGSVERFAHREN IN KRAFTANLAGEN, ERRICHTET UNTER DER WASSEROBERFLÄCHE EINES STROMAUFWÄRTS GELEGENEN BEHÄLTERS.

Title (fr)

PROCEDE DE PRODUCTION D'ENERGIE DANS DES GENERATEURS D'ELECTRICITE INSTALLES DANS UN LOCAL SITUE EN-DESSOUS DE LA SURFACE DE L'EAU D'UN RESERVOIR D'AMONT.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO8908779A1] The invention concerns a procedure for pushing aside water and for energy production in connection with conventional power plants (4) erected in rooms beside head store (1) and under the water surface of head store. Water from the head store (1) is led in tunnel (3) to and through power plant (4) for gathering in a return store (5) dimensioned for more than normal operation, thus making it possible to operate power plant (4) also when arrangement for pushing aside water is shut off or has lower capacity than the feeder stream, and from there forward in tunnel (6) to store (7) located in direct connection to the head store (1). Pushing aside water from store (5) and to head store (1) will be done by arrangements and by auxiliary energy from wind, waves, tide-water, nuclear fuel, hydrogen, electric current and conventional explosive substance. The space in return store (4) which is not filled with water constitutes a form of energy storage, and auxiliary energy from the power sources mentioned above can effectively be utilized and plants located where there are favourable conditions for utilizing auxiliary energy for operation of arrangement for pushing aside water and where there is a market for produced energy.

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