

Title (en)

Device for regulating the intercept valves of a steam-turbine plant

Title (de)

Vorrichtung für das Regulieren von Absperrventilen einer Dampfturbinenanlage

Title (fr)

Dispositif pour la régulation des vannes d'arrêt d'une installation à turbines à vapeur

Publication

**EP 1881164 A1 20080123 (EN)**

Application

**EP 06425509 A 20060721**

Priority

EP 06425509 A 20060721

Abstract (en)

A device (4) for regulating the intercept valves (22) of a steam-turbine plant (2) supplied with a boiler (10) with low capacity of thermal modulation has: a hydraulic circuit (26), designed to supply a linear hydraulic actuator (34) for actuation of a system of levers (37) for opening and closing the intercept valves (22) simultaneously; a hydraulic power distributor (33), designed to supply the linear hydraulic actuator (34) selectively; and a control device (32), designed to control the hydraulic power distributor (33) as a function of a signal (SM) correlated to the mode of operation of the steam-turbine plant (2) for partializing without solution of continuity opening of the intercept valves (22) between a position of complete closing and a position of maximum opening.

IPC 8 full level

**F01K 7/16** (2006.01); **F01K 23/16** (2006.01)

CPC (source: EP)

**F01K 7/165** (2013.01); **F01K 23/16** (2013.01)

Citation (search report)

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- [X] EP 0178617 A1 19860423 - HITACHI LTD [JP]
- [X] US 5361585 A 19941108 - WESTPHAL BERND A K [US], et al
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EP2331815A4; EP2131013A1; EP4321738A1; EP2213847A1; CN102165145A; RU2481477C2; US8925321B2; WO2010034659A3; WO2009127523A3

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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