

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 B1 20160914 (EN)**

Application

**EP 06425509 A 20060721**

Priority

EP 06425509 A 20060721

Abstract (en)

[origin: EP1881164A1] 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)

Cited by

EP2131013A1; EP2331815A4; EP4321738A1; EP2213847A1; CN102165145A; RU2481477C2; US8925321B2; WO2009127523A3; WO2010034659A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1881164 A1 20080123; EP 1881164 B1 20160914**

DOCDB simple family (application)

**EP 06425509 A 20060721**