

Title (en)

MEASURING DEVICE FOR MEASURING THE PURITY OF A WORKING FLUID CIRCUIT OF A POWER PLANT AND METHOD FOR OPERATING THE MEASURING DEVICE

Title (de)

MESSVORRICHTUNG FÜR REINHEITSMESSUNGEN EINES MEDIENKREISLAUFS EINES KRAFTWERKS UND VERFAHREN ZUM BETREIBEN DER MESSVORRICHTUNG

Title (fr)

DISPOSITIF DE MESURE POUR MESURER LA PURETÉ D'UN CIRCUIT D'UN FLUIDE DE TRAVAIL D'UNE CENTRALE ET PROCÉDÉ D'OPÉRATION DU DISPOSITIF DE MESURE

Publication

EP 2032805 A2 20090311 (DE)

Application

EP 07729781 A 20070601

Priority

- EP 2007055380 W 20070601
- EP 06013354 A 20060628
- EP 07729781 A 20070601

Abstract (en)

[origin: EP1873361A1] The device for measuring purity of water circulation of a power plant, comprises two cation exchangers (8, 10) having two parallel flow paths for two different operation modes of the power plant, an unit (30) for measuring parameters of the cation exchanger flow throughable by water stream, and a drive unit for activation of the flow paths during start-up of the power plant. One of the flow paths is provided for start-up operation of the cation exchanger, which has small throughflow volume than the other cation exchanger. An independent claim is included for a procedure for operating a device for purity measurement of water circulation of a power plant.

IPC 8 full level

B01J 47/14 (2006.01); **C02F 1/42** (2006.01); **F01K 21/06** (2006.01); **F22D 11/00** (2006.01)

CPC (source: EP US)

B01J 47/14 (2013.01 - EP US); **C02F 1/42** (2013.01 - EP US); **F01K 21/06** (2013.01 - EP US); **F22D 11/006** (2013.01 - EP US)

Citation (search report)

See references of WO 2008000580A2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1873361 A1 20080102; CN 101460711 A 20090617; CN 101460711 B 20120104; EG 25333 A 20111214; EP 2032805 A2 20090311; IL 195680 A0 20090901; US 2011181291 A1 20110728; US 8258794 B2 20120904; WO 2008000580 A2 20080103; WO 2008000580 A3 20081016

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