

Title (en)
Device and method for controlling the injection of an operating fluid and plant for the production of electrical energy comprising said control device

Title (de)
Vorrichtung und Verfahren zur Steuerung der Injektion einer Betriebsflüssigkeit und Anlage zur Erzeugung von elektrischer Energie für die Steuervorrichtung

Title (fr)
Dispositif et procédé pour contrôler l'injection d'un fluide opérationnel et installation pour la production d'électricité pour ledit dispositif de contrôle

Publication
EP 2123865 A3 20110119 (EN)

Application
EP 08425366 A 20080522

Priority
EP 08425366 A 20080522

Abstract (en)
[origin: EP2123865A2] A device for controlling the injection of at least one operating fluid in an evolving fluid of a plant (1) for the production of electrical energy is provided with: a calculation unit (38) for calculating at least one flowrate (Q 1 , Q 2) of operating fluid to be injected into the evolving fluid on the basis of a detected parameter (C 1 , pH) of the evolving fluid modified by the operating fluid, which is configured for calculating the flowrate (Q 1 , Q 2) of operating fluid to be injected according to a first mode when the detected parameter (C 1 , pH) is lower than a given threshold value (C TS , pH TS) and according to a second mode when the detected parameter (C 1 , pH) is higher than the threshold value (C TS , pH TS); and a driving unit (39) for driving at least one operating fluid injection pump (32, 36) on the basis of the flowrate (Q 1 , Q 2) of operating fluid calculated.

IPC 8 full level
F22B 37/02 (2006.01); **F01K 23/10** (2006.01)

CPC (source: EP)
F01K 23/106 (2013.01); **F22B 37/025** (2013.01)

Citation (search report)
• [X] EP 0777036 A1 19970604 - ASEA BROWN BOVERI [CH]
• [X] DE 19736885 A1 19990304 - SIEMENS AG [DE]
• [E] WO 2009138216 A2 20091119 - HITACHI POWER EUROPE GMBH [DE], et al

Cited by
EP3112750A4; US10179743B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2123865 A2 20091125; EP 2123865 A3 20110119; EP 2123865 A9 20100519; EP 2123865 B1 20131106; PL 2123865 T3 20140430

DOCDB simple family (application)
EP 08425366 A 20080522; PL 08425366 T 20080522