

Title (en)
System and method for controlling thermodynamic parameters of a steam

Title (de)
System und Methode für die Kontrolle von thermodynamischen Parametern von Dampf

Title (fr)
Système et procédé pour le contrôle des paramètres de vapeur

Publication
EP 1892468 A1 20080227 (EN)

Application
EP 06425493 A 20060717

Priority
EP 06425493 A 20060717

Abstract (en)
Described herein is a method for controlling thermodynamic parameters of a steam (ST) that is supplied to a steam-using unit (3), said steam (ST) being obtained by mixing a first regulation steam (ST 1) with a second regulation steam (ST 2), regulating the respective flow rates (Q ST1 , Q ST2) of said first and second regulation steams (ST 1 , ST 2), said method being characterized in that it comprises the steps of: controlling the thermodynamic parameters of said steam (ST) on the basis of said flow rates (Q ST1 , Q ST2) of said first and second regulation steams (ST 1 , ST 2) so that to one and the same variation of the flow rates (Q ST1 , Q ST2) of said first and second regulation steams (ST 1 , ST 2) there always corresponds one and the same variation of said thermodynamic parameters of said steam (ST) and so that to a variation of one of said flow rates (Q ST1 , Q ST2) there corresponds exclusively a variation of one of said thermodynamic parameters of steam (ST) that it is intended to control, maintaining all the other thermodynamic parameters of said steam (ST) constant.

IPC 8 full level
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CPC (source: EP)
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• [X] US 2003037535 A1 20030227 - LIEBIG ERHARD [DE]
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• [X] DE 4129115 A1 19930304 - ABB PATENT GMBH [DE]
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• [X] DOLEZAL R: "REGELUNG DER DAMPFTEMPERATUR MIT HILFE DER TEILWEISEN SATTDAMPFUMLEITUNG", BWK BRENNSTOFF WARME KRAFT, SPRINGER VDI VERLAG, DUSSELDORF, DE, vol. 47, no. 5, 1 May 1995 (1995-05-01), pages 230 - 231, XP000504409, ISSN: 1618-193X

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