

Title (en)

PROCESS CONTROL, METHOD AND APPARATUS

Title (de)

PROZESSTEUERUNG, VERFAHREN UND EINRICHTUNG

Title (fr)

GESTION DE PROCESSUS, PROCEDE ET APPAREIL

Publication

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Application

**EP 96902349 A 19960214**

Priority

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- GB 9506365 A 19950328

Abstract (en)

[origin: GB2299414A] In a system to control the supply of combustion air to a reheat furnace 10 having a plurality of heating zones 10a, 10b, 10c, each having a burner 12a, 12b, 12c the pressure supplied by the supply unit 14 is set in accordance with the highest system resistance amongst the burners. A valve 18a-18c associated with each of the other zones is then closed to an extent to give the flow required in those zones. In an initialisation step, a resistance algorithm for each of the consumption units is determined with the valve associated with that unit in its maximum or desired opening position. The system resistance for each consumption unit is periodically calculated using these algorithms and the measured fluid flow or fluid demand to each of the units 12a-12c.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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