

Title (en)  
MONITORING METHOD

Title (de)  
ÜBERWACHUNGSVERFAHREN

Title (fr)  
PROCÉDÉ DE SURVEILLANCE

Publication  
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Application  
**EP 11771056 A 20110929**

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Abstract (en)  
[origin: WO2013044968A1] The invention relates to a method for monitoring an operating state of an anode firing furnace, wherein the anode firing furnace is formed from a plurality of heating ducts (12) and furnace chambers, wherein the furnace chambers are used to hold anodes and the heating ducts are used to control the temperature of the furnace chambers, wherein the anode firing furnace comprises at least one furnace unit (11) having a heating zone (18), a firing zone (19) and a cooling zone (20), wherein a suction device (15) is arranged in the heating zone and a burner device (16) is arranged in the firing zone, wherein, by means of the burner device, combustion air is heated in the heating ducts of the firing zone, wherein, by means of the suction device, hot air is sucked out of the heating ducts of the heating zone, wherein a suction output of the suction device is determined and wherein a pressure in the heating duct is measured, wherein a volume flow in the heating duct is determined from a ratio of suction output and pressure.

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