

Title (en)

Slag zone mapping

Title (de)

Schlackenzonenabbildung

Title (fr)

Cartographie de zone de laitier

Publication

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Application

EP 10157029 A 20100319

Priority

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Abstract (en)

Solutions for mapping slag zones (152) in a boiler (100) are disclosed. In one embodiment, the system includes an obtainer (40) for obtaining data about a location of a slag zone (152) within a boiler (100), the slag zone (152) being one of a plurality of slag zones (152) in a slag plane (150); a determinater (50) for determining a flow distribution of a working fluid (120) within the boiler (100), the flow distribution originating at a plurality of burners (110) and intersecting the slag zone (152) and a sensor grid (130) including a plurality of grid sensors; an identifier (60) for identifying at least one grid sensor in the plurality of grid sensors that is intersected by the flow distribution of the working fluid (120); and a user interface module (70) for displaying the flow distribution of the working fluid (120) from the plurality of burners (110) to the at least one grid sensor.

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