

Title (en)

SYSTEM FOR SUPPLYING RINSING AND DEGRAPHITIZING AIR TO THE RICH GAS DUCTS LEADING TO THE SINGLE HEATING WALLS OF COKE OVENS

Publication

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Application

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Priority

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Abstract (en)

[origin: ES8204755A1] A method and a device for feeding purging and degraphitizing air into pipes for rich gas leading to the heating walls of coke ovens. In the device a first cross-sectional opening is connected to a pipe for rich gas. This opening can be opened and closed with a first gate and is adapted to initially release only a relatively small cross-sectional aperture for passing purging air therethrough. A second cross-sectional opening is provided in the device, which is connected to the pipe for rich gas. The second opening can be opened and closed with a second gate and is adapted to release successively, with a time delay after the first cross-sectional opening, a relatively larger cross-section for passing degraphitizing air therethrough. An exchangeable screen can be placed in the aperture in the first cross-sectional opening. The degraphitizing air enters the pipe for burning off the graphite deposits resulting from the rich gas. The device and method prevent deflagrations caused by feeding inaccurate amounts of purging air into the pipe for rich gas.

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