

Title (en)

SAMPLING DEVICE FOR GAS ANALYSES OF RAW COKE OVEN GASES AND OTHER CONTAMINATED GASES AND METHOD FOR ANALYSIS THEREOF

Title (de)

VORRICHTUNG ZUR PROBENENTNAHME BEI GASANALYSEN VON KOKSOFFENROHGASEN UND ANDEREN VERUNREINIGTEN GASEN SOWIE VERFAHREN ZUR ANALYSE DIESER GASE

Title (fr)

DISPOSITIF D'ECHANTILLONNAGE PERMETTANT L'ANALYSE DE GAZ BRUTS DE FOUR A COKE ET D'AUTRES GAZ IMPURS ET PROCEDE D'ANALYSE DE CES GAZ

Publication

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Application

EP 01917082 A 20010309

Priority

- DE 10011531 A 20000313
- EP 0102667 W 20010309

Abstract (en)

[origin: DE10011531A1] In a process to take samples of gas arising from the production of coke from coal, a heated sampling line (2) is connected to a heated electro-filter (3) which is protected from condensation. The gas filter (3) feeds in turn a cooler (7) and a gas analysis unit (9). A gas pump (8) is positioned between the cooler (7) and analysis unit (9). A an electrically-heated filter wadding (5) is located after the electrical heater (3). A solvent-filled trap (6') is located before the gas saturator (6) which is filled with an organic solvent especially decalin. The electrical filter rests on a cone. Also claimed is a method for analysis of gases containing aerosol impurities.

IPC 1-7

G01N 33/00

IPC 8 full level

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CPC (source: EP KR)

B03C 3/019 (2013.01 - EP KR); **G01N 1/2258** (2013.01 - EP KR); **G01N 33/0014** (2013.01 - EP KR); **G01N 33/0016** (2013.01 - EP KR); **G01N 2001/227** (2013.01 - EP KR); **G01N 2001/2282** (2013.01 - EP KR)

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