

Title (en)  
ENERGY-EFFICIENT SYSTEM FOR GENERATING CARBON BLACK, PREFERABLY IN ENERGETIC COOPERATION WITH SYSTEMS FOR GENERATING SILICON DIOXIDE AND/OR SILICON

Title (de)  
ENERGIEEFFIZIENTE ANLAGE ZUR HERSTELLUNG VON RUSS, BEVORZUGT ALS ENERGETISCHER VERBUND MIT ANLAGEN ZUR HERSTELLUNG VON SILIZIUMDIOXID UND/ODER SILIZIUM

Title (fr)  
INSTALLATION À HAUT RENDEMENT EN ÉNERGIE POUR LA PRODUCTION DE SUIE, DE PRÉFÉRENCE EN TANT QU'ENSEMBLE ÉNERGÉTIQUE AVEC DES INSTALLATIONS POUR LA PRODUCTION DE DIOXYDE DE SILICIUM ET/OU DE SILICIUM

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Application  
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Abstract (en)  
[origin: CA2743231A1] The object of the invention is a more energy-efficient system for utilizing waste heat and residual gases from the engineered generation of carbon compounds, such as carbon black, graphite or from sugar pyrolysis, using a coupling of energy-heat or a thermal heat-generating plant for generating electrical energy, in particular for operating melt furnaces, and/or for utilizing the waste heat in endothermal processes. The invention also relates to the use of waste heat.

IPC 8 full level  
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