

Title (en)

System for drying and preheating coke coal.

Title (de)

Einrichtung zum Trocknen und Vorerhitzen von Kokskohle.

Title (fr)

Installation pour sécher et préchauffer du charbon à coke.

Publication

EP 0064616 A2 19821117 (DE)

Application

EP 82103249 A 19820417

Priority

DE 3117967 A 19810507

Abstract (en)

[origin: ES271050U] In order to preserve the quality of treated coking coal, the drying and preheating operation is performed in consecutive stages. For this purpose, a set of superimposed containers is provided with vertically oriented pipes for a heating medium, the pipes in each container having separate inlets and outlets. The bottom region of each container is further provided with horizontally directed pipes having separate inlet and outlet for receiving a pressure medium which is discharged into the bottom region of each container to produce a whirling bed of the coal. In this manner, the coal is preliminarily dried in the uppermost container, then additionally dried and preheated in the intermediate container, and heated to the desired final temperature in the lowermost container.

Abstract (de)

Bei dieser Einrichtung erfolgt das Trocknen und Vorerhitzen der Kokskohle in der Wirbelschicht mittels indirektem Wärmeaustausch mit einem Heizmedium. Es ist vorgesehen, daß die Einrichtung aus mehreren, von der Kohle nacheinander durchlaufenen Kaskaden (I, II, III) besteht, die jeweils vertikal angeordnete Heizrohre und an ihrem unteren Ende einen Anströmboden zur Erzeugung der Wirbelschicht aufweisen.

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C10B 57/08

IPC 8 full level

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CPC (source: EP US)

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EP 0064616 A2 19821117; **EP 0064616 A3 19840404**; **EP 0064616 B1 19861126**; AR 227466 A1 19821029; AT E23873 T1 19861215; AU 551818 B2 19860515; AU 8345982 A 19821111; BR 8202371 A 19830405; CA 1205777 A 19860610; DE 3117967 A1 19821125; DE 3274466 D1 19870115; ES 271050 U 19831016; ES 271050 Y 19840401; IN 157953 B 19860802; JP S57187385 A 19821118; US 4481724 A 19841113; ZA 822200 B 19830223

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