

Title (en)  
Heating of coal.

Title (de)  
Erwärmung von Kohle.

Title (fr)  
Chauffage de charbon.

Publication  
**EP 0073368 A2 19830309 (DE)**

Application  
**EP 82107206 A 19820810**

Priority  
DE 3133491 A 19810825

Abstract (en)  
1. Utilization of solid bodies of spherical shape, consisting of ceramical material and being of a diameter less than 40 mm, for the direct heating of cold, moist coal which is destined for conversion, in a subsequent step, into coke, this heating takes place in a downwards directed moving bed.

Abstract (de)  
Die Erfindung betrifft die Erwärmung kalter, feuchter Kohle, insbesondere von zur nachfolgenden Verkokung bestimmter Kohle. Es ist vorgesehen, daß der Kohle heiße Festkörper, deren Ausgangstemperatur über der angestrebten Endtemperatur der Kohle liegt, beigemischt werden.

IPC 1-7  
**C10B 57/10**; **F26B 3/22**

IPC 8 full level  
**C10B 57/10** (2006.01); **C10L 9/08** (2006.01); **F26B 3/20** (2006.01); **F26B 3/22** (2006.01); **F26B 17/00** (2006.01)

CPC (source: EP)  
**C10B 57/10** (2013.01); **F26B 3/205** (2013.01)

Cited by  
DE102012012417B4; WO2014000861A1; DE102012012417A1

Designated contracting state (EPC)  
AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0073368 A2 19830309**; **EP 0073368 A3 19840411**; **EP 0073368 B1 19861217**; AR 228907 A1 19830429; AT E24331 T1 19870115; AU 551656 B2 19860508; AU 8755582 A 19830303; BR 8204941 A 19830802; CA 1201408 A 19860304; DE 3133491 A1 19830317; DE 3274746 D1 19870129; ES 514984 A0 19830501; ES 8305404 A1 19830501; IN 158088 B 19860830; JP S5847093 A 19830318; ZA 825368 B 19830525

DOCDB simple family (application)  
**EP 82107206 A 19820810**; AR 29020882 A 19820803; AT 82107206 T 19820810; AU 8755582 A 19820824; BR 8204941 A 19820824; CA 409689 A 19820818; DE 3133491 A 19810825; DE 3274746 T 19820810; ES 514984 A 19820813; IN 515DE1982 A 19820707; JP 14751582 A 19820825; ZA 825368 A 19820727