

Title (en)
METHOD OF PRODUCING COKE FOR THE IRON AND STEEL INDUSTRY

Title (de)
VERFAHREN ZUM HERSTELLEN VON KOKS FÜR DIE EISEN-/STAHLINDUSTRIE

Title (fr)
PROCEDE PERMETTANT DE PRODUIRE DU COKE POUR LA SIDERURGIE

Publication
EP 0686180 A1 19951213 (DE)

Application
EP 94909066 A 19940225

Priority
• DE 4306057 A 19930226
• EP 9400555 W 19940225

Abstract (en)
[origin: CA2157052A1] Proposed is a method of producing coke for use in the manufacture of iron and steel, in particular foundry coke, by mixing charge coal and about 0.5 to 10 %, relative to the coal in the water-free and ash-free state, of a binder, and then coking the mixture. The aim is to produce coke with a relatively low reactivity, the highest possible unit density, the highest possible carbon content and the largest possible lump size. Used as the binder is a vacuum-hydrogenation residue produced in the vacuum distillation stage of the hydrogenation of short residues or heavy oils derived from crude oil, with the addition of an additive consisting of porous carbon bodies made, in particular, of material derived from coal.

IPC 1-7
C10B 57/06

IPC 8 full level
C10B 57/06 (2006.01); **C10G 49/02** (2006.01)

CPC (source: EP)
C10B 57/06 (2013.01)

Citation (search report)
See references of WO 9419425A1

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

DOCDB simple family (publication)
DE 4306057 A1 19940908; AU 6206794 A 19940914; CA 2157052 A1 19940901; DE 4490891 D2 19970731; EP 0686180 A1 19951213; JP H08509509 A 19961008; WO 9419425 A1 19940901

DOCDB simple family (application)
DE 4306057 A 19930226; AU 6206794 A 19940225; CA 2157052 A 19940225; DE 4490891 T 19940225; EP 9400555 W 19940225; EP 94909066 A 19940225; JP 51867894 A 19940225