

Title (en)  
PROCESS FOR CONTROLLING THE QUALITY OF COKE

Publication  
**EP 0048802 B1 19850612 (DE)**

Application  
**EP 81105965 A 19810729**

Priority  
DE 3040331 A 19801025

Abstract (en)  
[origin: US4421604A] The quality of coke is improved by measuring the width of a plastic zone of a given type of coal, comparing said measured zone with a predetermined zone width known to result in good quality coke, adjusting certain characteristics of said given coal prior to charging it into the coke oven to cause a change in said zone width of the coal that will ultimately result in improved coke quality. Typical adjusting steps include preheating the coal and/or the addition of coal binders, such as, various carbon and petro-based binding agents, for example, pitch.

IPC 1-7  
**C10B 57/04; C10B 47/10**

IPC 8 full level  
**C10B 21/00** (2006.01); **C10B 47/10** (2006.01); **C10B 57/00** (2006.01); **C10B 57/04** (2006.01)

CPC (source: EP US)  
**C10B 47/10** (2013.01 - EP US); **C10B 57/04** (2013.01 - EP US)

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DOCDB simple family (publication)  
**EP 0048802 A2 19820407; EP 0048802 A3 19821006; EP 0048802 B1 19850612**; DE 3040331 A1 19820527; DE 3040331 C2 19881215; JP S57100182 A 19820622; US 4421604 A 19831220

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**EP 81105965 A 19810729**; DE 3040331 A 19801025; JP 16887981 A 19811023; US 31425981 A 19811023