

Title (en)

PROCESS FOR LOWERING THE ELECTRODES OF AN ELECTRIC ARC FURNACE

Publication

EP 0042609 B1 19830622 (DE)

Application

EP 81104756 A 19810620

Priority

DE 3023052 A 19800620

Abstract (en)

[origin: ES8204268A1] A method of lowering graphite electrodes which are supported vertically displaceable electrode holders and extend through the cover of an electric arc furnace is disclosed. In accordance with the disclosed method, the furnace cover is completely laterally swung away from the furnace vessel and then the free lengths of the electrodes below the electrode clamps are adjusted to a position insuring a stable electric arc.

IPC 1-7

F27B 3/08; H05B 7/10; F27D 11/10

IPC 8 full level

F27B 3/08 (2006.01); **F27D 11/10** (2006.01); **H05B 7/10** (2006.01)

CPC (source: EP US)

F27B 3/085 (2013.01 - EP US); **F27D 11/10** (2013.01 - EP US); **H05B 7/10** (2013.01 - EP US)

Designated contracting state (EPC)

BE FR GB IT

DOCDB simple family (publication)

EP 0042609 A1 19811230; **EP 0042609 B1 19830622**; BR 8103910 A 19820309; DE 3023052 A1 19820114; DE 3023052 C2 19870507; ES 503226 A0 19820501; ES 8204268 A1 19820501; US 4399545 A 19830816

DOCDB simple family (application)

EP 81104756 A 19810620; BR 8103910 A 19810622; DE 3023052 A 19800620; ES 503226 A 19810619; US 27645981 A 19810623