

Title (en)
SMOKE ELBOW SUPPORT FOR AN ELECTRIC ARC FURNACE

Publication
EP 0073537 B1 19850807 (DE)

Application
EP 82201011 A 19820812

Priority
CH 561581 A 19810901

Abstract (en)
[origin: US4476564A] Arc furnace has a furnace shell, a furnace lid with lid ring and a lid lifting and swivelling means as well as a lid opening in the furnace lid for exhausting the flue gas from the interior of the furnace and a flue gas exhaust nozzle for removing the flue gases above the lid opening, the nozzle being supported on the furnace lid ring. By means of this design feature as well as a guide arrangement and a locking means the flue gas exhaust nozzle can be completely integrated into the operating steps of the arc furnace in a simple and economical fashion.

IPC 1-7
F27D 11/08; **F27D 23/00**

IPC 8 full level
F27D 11/08 (2006.01); **F27D 17/00** (2006.01); **F27D 23/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP US)
F27D 11/08 (2013.01 - EP US); **F27D 17/003** (2013.01 - EP US); **F27D 99/00** (2013.01 - EP US); **F27D 17/002** (2013.01 - EP US)

Cited by
CN105004190A

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0073537 A1 19830309; **EP 0073537 B1 19850807**; AT E14790 T1 19850815; BR 8205064 A 19830809; DE 3265228 D1 19850912; US 4476564 A 19841009

DOCDB simple family (application)
EP 82201011 A 19820812; AT 82201011 T 19820812; BR 8205064 A 19820830; DE 3265228 T 19820812; US 41058182 A 19820823