

Title (en)
MULTIPLE OUTLET PRESSURE NOZZLE FOR COKE OVENS

Publication
EP 0019252 B1 19820505 (DE)

Application
EP 80102609 A 19800512

Priority
DE 2920326 A 19790519

Abstract (en)
[origin: US4299356A] A spray nozzle for use in the elbow interconnecting a coke oven ascension pipe and a main, characterized in having frusto-conical nozzle orifices which generate sprays which completely cover the elbow cross section only when they reach the transition between the elbow and the coke oven main.

IPC 1-7
C10B 27/06; **F04F 5/04**

IPC 8 full level
C10B 27/06 (2006.01); **F04F 5/04** (2006.01)

CPC (source: EP US)
C10B 27/06 (2013.01 - EP US); **F04F 5/04** (2013.01 - EP US)

Cited by
EP3032110A4; DE3147552A1

Designated contracting state (EPC)
BE FR GB IT NL

DOCDB simple family (publication)
EP 0019252 A1 19801126; **EP 0019252 B1 19820505**; AR 221644 A1 19810227; AU 531196 B2 19830811; AU 5847280 A 19801127; BR 8003085 A 19801223; CA 1170608 A 19840710; DE 2920326 A1 19801127; DE 2920326 C2 19820304; IN 153569 B 19840728; JP S55160083 A 19801212; US 4299356 A 19811110; ZA 802940 B 19810624

DOCDB simple family (application)
EP 80102609 A 19800512; AR 28098480 A 19800512; AU 5847280 A 19800516; BR 8003085 A 19800516; CA 351512 A 19800508; DE 2920326 A 19790519; IN 214CA1980 A 19800225; JP 6344280 A 19800515; US 14770680 A 19800508; ZA 802940 A 19800516