

Title (en)

NOZZLE PROVIDED WITH SEVERAL OUTLET APERTURES FOR USE IN COKE OVENS

Publication

**EP 0026850 B1 19820915 (DE)**

Application

**EP 80105333 A 19800906**

Priority

DE 2937409 A 19790915

Abstract (en)

[origin: US4348258A] A spray nozzle for use in the elbow interconnecting a coke oven ascension pipe and a main, characterized in having frusto-conical nozzle orifices to generate sprays which completely cover the elbow cross section only when they reach the transition between the elbow and the coke oven main. The invention resides in the realization that in order to optimize the performance of the nozzle, there must be a specified relationship between the inlet diameters of the frusto-conical orifices, the outlet diameters of the orifices and the radial and circumferential distances between the centers of orifices arranged in concentric circles.

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)

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Cited by

FR2512048A1; DE3147552A1

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DOCDB simple family (publication)

**EP 0026850 A1 19810415**; **EP 0026850 B1 19820915**; AR 220069 A1 19800930; AU 530622 B2 19830721; AU 6034080 A 19810319; BR 8005742 A 19810324; CA 1170609 A 19840710; DE 2937409 A1 19810402; DE 2937409 B2 19810625; DE 2937409 C3 19820225; IN 153570 B 19840728; JP S5643388 A 19810422; US 4348258 A 19820907; ZA 805522 B 19810930

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**EP 80105333 A 19800906**; AR 28176880 A 19800715; AU 6034080 A 19800711; BR 8005742 A 19800909; CA 360157 A 19800912; DE 2937409 A 19790915; IN 215CA1980 A 19800225; JP 10839380 A 19800808; US 17445180 A 19800801; ZA 805522 A 19800908