

Title (en)

Improved construction for the burner or tuyere openings in furnaces and vertical reactors.

Title (de)

Verbesserte Konstruktion für Brenner und Blasformöffnungen in Öfen und vertikalen Reaktoren.

Title (fr)

Perfectionnements à la réalisation des ouvreaux de brûleurs ou entourage de tuyères de fours et de réacteurs verticaux.

Publication

**EP 0451052 B1 19950927 (FR)**

Application

**EP 91400902 A 19910403**

Priority

FR 9004452 A 19900406

Abstract (en)

[origin: EP0451052A1] The invention relates to vertical furnaces and reactors. <??>It relates more particularly to a burner peephole or tuyere surrounding of a vertical furnace or reactor, consisting of the assembly of not more than four prefabricated components (12) made of cast refractory concrete, characterised in that each component additionally comprises a coating (14) consisting of ceramised refractory archstones (15) of identical shape and dimensions, arranged between the part (13) of the component made of cast refractory concrete and the opening (5) intended to receive the burner or the tuyere. <??>Application especially to blast furnaces. <IMAGE>

IPC 1-7

**C21B 7/16**; F27D 1/06

IPC 8 full level

**C21B 7/16** (2006.01); **F27B 1/16** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

**EP 0451052 A1 19911009**; **EP 0451052 B1 19950927**; DE 69113307 D1 19951102; DE 69113307 T2 19960321; ES 2080267 T3 19960201; FR 2660742 A1 19911011; FR 2660742 B1 19950505; US 5178819 A 19930112

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**EP 91400902 A 19910403**; DE 69113307 T 19910403; ES 91400902 T 19910403; FR 9004452 A 19900406; US 67741791 A 19910329