

Title (en)
COKE OVEN DOOR WITH A VOLUMINOUS GAS COLLECTING SPACE

Publication
EP 0028679 B1 19830608 (DE)

Application
EP 80104727 A 19800811

Priority
• DE 2945017 A 19791108
• DE 3000161 A 19800104

Abstract (en)
[origin: ES8106328A1] A coking chamber of a coke-oven battery, with heated longitudinal walls interconnected by a doorjamb at each end, is closed by a pair of doors sealingly fitting into these doorjamb. Each door has a vertical channel separated from the exterior by an outer wall with a heat-insulating layer and from the interior of the chamber by an upright metal plate facilitating thermal conduction therebetween. The channel is accessible at various levels or over its entire length to gases evolving from a charge inside the chamber which, in rising toward the roof of the chamber, retransmit some of their heat through the metal plate to the charge for enabling substantially uniform heating thereof from four sides.

IPC 1-7
C10B 25/06

IPC 8 full level
C10B 25/02 (2006.01); **C10B 21/20** (2006.01); **C10B 25/06** (2006.01)

CPC (source: EP US)
C10B 25/06 (2013.01 - EP US)

Citation (examination)
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• US 2993845 A 19610725 - COE HERBERT L
• US 4217177 A 19800812 - BROWN HARRY B JR [US], et al
• DE 238363 C
• DE 356338 C 19220721 - HERMANN MUELLER DIPL ING
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EP 80104727 A 19800811; AU 6184080 A 19800828; CA 360436 A 19800917; ES 494539 A 19800827; JP 12414080 A 19800909; US 30360980 A 19800918; US 33231781 A 19811218; ZA 805401 A 19800902