

Title (en)
FLOOR CONSTRUCTION FOR HORIZONTAL COKE OVENS

Title (de)
BODENKONSTRUKTION FÜR HORIZONTALE KOKSÖFEN

Title (fr)
CONSTRUCTION D'UN PLANCHER POUR FOURS À COKE HORIZONTAUX

Publication
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Application
EP 07725552 A 20070525

Priority

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- DE 202006009985 U 20060606

Abstract (en)
[origin: US2009283395A1] The invention relates to a coke oven of a non-recovery horizontal type of construction, known as a non-recovery or heat-recovery coke oven, in which the coke oven floor is made up of at least two layers and each layer is formed of the same or different silica materials, wherein the first layer, seen from the oven space, is formed from a solid refractory material and the second layer comprises a multiplicity of openings, gaps, apertures or the like, the gas spaces of these openings, gaps, apertures or the like being in communication with the gas space of the flue gas duct running under them.

IPC 8 full level
C10B 5/00 (2006.01); **F27D 1/00** (2006.01)

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C10B 5/00 (2013.01 - KR); **C10B 5/06** (2013.01 - EP US); **C10B 15/02** (2013.01 - EP US); **C10B 29/00** (2013.01 - KR); **C10B 29/02** (2013.01 - EP US); **F27D 1/0043** (2013.01 - KR)

Citation (search report)
See references of WO 2007140891A1

Cited by
CN102786954A; CN113932609A

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US 2009283395 A1 20091119; US 9115313 B2 20150825; AT E441697 T1 20090915; AU 2007256495 A1 20071213; AU 2007256495 B2 20111020; BR PI0711959 A2 20111220; CA 2653512 A1 20071213; CA 2653512 C 20140429; DE 202006009985 U1 20061012; DE 502007001456 D1 20091015; EP 2032673 A1 20090311; EP 2032673 B1 20090902; ES 2330975 T3 20091217; JP 2009540024 A 20091119; JP 5274452 B2 20130828; KR 101476454 B1 20141224; KR 20090015104 A 20090211; MX 2008015739 A 20081219; NO 20085125 L 20090302; PL 2032673 T3 20100226; PT 2032673 E 20091113; RU 2008152773 A 20100720; RU 2441898 C2 20120210; TW 200823283 A 20080601; WO 2007140891 A1 20071213

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US 22799907 A 20070525; AT 07725552 T 20070525; AU 2007256495 A 20070525; BR PI0711959 A 20070525; CA 2653512 A 20070525; DE 202006009985 U 20060606; DE 502007001456 T 20070525; EP 07725552 A 20070525; EP 2007004656 W 20070525; ES 07725552 T 20070525; JP 2009513571 A 20070525; KR 20087029393 A 20081201; MX 2008015739 A 20070525; NO 20085125 A 20081209; PL 07725552 T 20070525; PT 07725552 T 20070525; RU 2008152773 A 20070525; TW 96119060 A 20070529