

Title (en)  
SHAPED BRICK FOR LINING COKE OVEN RETORTS

Title (de)  
FORMSTEIN FÜR DIE ZUSTELLUNG VON KOKSOFEKAMMERN

Title (fr)  
BRIQUE MOULEE DE GARNISSAGE DE CHAMBRES DE CARBONISATION DE FOURS A COKE

Publication  
**EP 0694056 B1 19970409 (DE)**

Application  
**EP 94902629 A 19931227**

Priority  
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• DE 4244547 A 19921230

Abstract (en)  
[origin: WO9416031A1] A refractory shaped brick is disclosed for coke ovens having two vertical partitions held together in a traction resistant manner by transverse binders, forming an acute angle to each other, so that their mutual spacing varies over the whole partition length by the dimension v. The shaped brick is delimited by a lower surface (22) and by an upper surface (24) parallel thereto. Both surfaces (22, 24) are plane except for form-fitting grooves and projections. The shaped bricks are as thick as a partition and have both a plane lateral surface (18) on the coke side and a plane lateral surface (20) on the flue side. A binder area (14, 16) projects from the lateral surface (20) on the flue side. The binder area (16) has at least one projection (26) or one groove (32) on the upper surface (24) and on the lower surface (22). The projection (26) or groove (32) extends transversely to the longitudinal direction of the binder area (16), effects a form-fitting bond between stacked shaped bricks and is spaced apart from the free end of the binder area (16) by a distance which is clearly larger than the dimension v. The groove (32) or projection (26) extends in the direction of the binder over a width which is larger than v.

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