

Title (en)  
POROUS REFRACTORY BODY AND METHODS OF MAKING THE SAME

Title (de)  
PORÖSER FEUERFESTER KÖRPER UND VERFAHREN ZUR HERSTELLUNG

Title (fr)  
CORPS REFRACTAIRE POREUX ET SES PROCEDES DE FABRICATION

Publication  
**EP 1317315 A1 20030611 (EN)**

Application  
**EP 02753132 A 20020802**

Priority  
• GB 0203577 W 20020802  
• GB 0119539 A 20010810

Abstract (en)  
[origin: WO03013688A1] In one aspect, the invention relates to a method of producing a porous body of refractory material having a predetermined configuration of pores, comprising : - (a) providing a plurality of porous body elements, each element being formed from a plastic refractory material and having a plurality of pores formed therein ; (b) assembling together the porous body elements to form a desired shape of porous body having the desired configuration of pores ; and (c) heating the assembled porous body elements such that they become fused together and lose their plasticity. In another aspect, the invention provides a porous body of refractory material having a predetermined configuration of pores (62) comprising a plurality of refractory body elements (60, 70) which are arranged in a stack and joined together to produce the predetermined configuration of pores (62). At least one of the body elements (70) is non-planar and preferably corrugated.

IPC 1-7  
**B01D 29/03**; **B01D 29/56**; **B22C 9/08**; **C04B 38/00**

IPC 8 full level  
**B01D 39/00** (2006.01); **B01D 35/02** (2006.01); **B01D 39/20** (2006.01); **B22C 9/08** (2006.01); **B28B 11/00** (2006.01); **C04B 38/00** (2006.01); **C22B 9/02** (2006.01)

CPC (source: EP)  
**B22C 9/086** (2013.01); **C04B 38/00** (2013.01); **C04B 38/0083** (2013.01); **C04B 2111/00793** (2013.01)

Citation (search report)  
See references of WO 03013688A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**WO 03013688 A1 20030220**; AR 035091 A1 20040414; EP 1317315 A1 20030611; GB 0119539 D0 20011003; JP 2004520982 A 20040715

DOCDB simple family (application)  
**GB 0203577 W 20020802**; AR P020103000 A 20020808; EP 02753132 A 20020802; GB 0119539 A 20010810; JP 2003504728 A 20020802