

Title (en)  
Refractory burner brick

Title (de)  
Feuerfester Ofenstein

Title (fr)  
Brique réfractaire pour un four

Publication  
**EP 1783233 B1 20080312 (EN)**

Application  
**EP 06255415 A 20061020**

Priority  
GB 0522675 A 20051107

Abstract (en)  
[origin: EP1783233A1] A refractory furnace brick (1) (1/2) has chamfered corner faces (F3/f3) enabling the bricks to be formed into a regular grid with longitudinal rectangular bores formed both within respective bricks and defined by surrounding bricks. Preferably the shorter sidewalls of the bricks are extended slightly in the transverse direction to form ridges R/R' which interlock to strengthen the structure. In order to provide a distributed expansion flexible ceramic pads (P) may be provided between the chamfered corner faces.

IPC 8 full level  
**C21B 9/00** (2006.01)

CPC (source: EP GB US)  
**C21B 7/04** (2013.01 - EP US); **C21B 9/02** (2013.01 - EP US); **C21B 9/06** (2013.01 - EP US); **F27D 1/04** (2013.01 - EP GB US); **F27D 1/042** (2013.01 - EP US)

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