

Title (en)  
CARBON FOUNDATION FOR METALLURGICAL FURNACES, AND METHOD FOR ITS MANUFACTURE

Publication  
**EP 0061981 B1 19841031 (FR)**

Application  
**EP 82420041 A 19820329**

Priority  
FR 8106996 A 19810401

Abstract (en)  
[origin: EP0061981A1] 1. A sub-foundation for a blast furnace hearth, characterized in that it comprises a layer of a pise (10) in direct contact with the bottom of the furnace (1), the pise containing at least 80% by weight of graphite and a synthetic resin-base binder, and that said pise is covered by a thin layer of a levelling grout (11) containing at least 40% by weight of graphite fines and a synthetic resin diluted in a solvent.

IPC 1-7  
**C21B 7/00**; F27D 1/00; E04F 21/22

IPC 8 full level  
**C21B 7/00** (2006.01); **C04B 35/52** (2006.01); **C04B 35/66** (2006.01); **C21B 7/04** (2006.01); **C21B 7/10** (2006.01); **E04F 21/22** (2006.01); **F27B 3/14** (2006.01); **F27D 1/00** (2006.01); **F27D 1/12** (2006.01); **F27D 1/16** (2006.01); **F27B 1/14** (2006.01); **F27B 1/24** (2006.01); **F27B 3/24** (2006.01); **F27D 9/00** (2006.01)

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**C21B 7/106** (2013.01); **E04F 21/22** (2013.01); **F27B 3/14** (2013.01); **F27D 1/12** (2013.01); **F27D 1/1626** (2013.01); **F27B 1/14** (2013.01); **F27B 1/24** (2013.01); **F27B 3/24** (2013.01); **F27D 2009/0018** (2013.01)

Cited by  
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**EP 0061981 A1 19821006**; **EP 0061981 B1 19841031**; AU 545543 B2 19850718; AU 8217682 A 19821007; DE 3261102 D1 19841206; FR 2503186 A1 19821008; FR 2503186 B1 19830513; JP S582267 A 19830107; JP S6362473 B2 19881202

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