

Title (en)  
Core for turbine blade

Title (de)  
Kern für Turbinenschaufel

Title (fr)  
Noyau pour aube de turbomachine

Publication  
**EP 1754555 B1 20091216 (FR)**

Application  
**EP 06118134 A 20060728**

Priority  
FR 0508154 A 20050729

Abstract (en)  
[origin: EP1754555A1] A ceramic core for the fabrication of a turbine blade by the lost wax process, with cooling and bath cavities, includes a main core (10). The main core comprises an element (10B) constituting the bath and an element (10SB) constituting at least one cavity beneath the bath. The two elements form between each other a space (13) constituting at least a part of the wall of the bottom of the bath. An independent claim is also included for the fabrication of this ceramic core.

IPC 8 full level  
**B22C 9/10** (2006.01); **B22C 21/14** (2006.01)

CPC (source: EP US)  
**B22C 9/103** (2013.01 - EP US); **B22C 9/108** (2013.01 - EP US); **B22C 21/14** (2013.01 - EP US)

Cited by  
CN111957888A; CN102672102A; FR2957828A1; FR2984880A1; CN104039476A; FR3037829A1; FR3023197A1; US9890643B2; FR2990367A1; FR2990368A1; CN104271286A; FR3030333A1; RU2627084C2; RU2706256C2; WO2013093352A3; WO2013167847A3; WO2016097586A1; WO2013167847A2; US9505052B2; US10533426B2; WO2022029388A1; FR3113254A1; US10864660B2; FR3113255A1

Designated contracting state (EPC)  
DE FR GB

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**EP 1754555 A1 20070221**; **EP 1754555 B1 20091216**; DE 602006011089 D1 20100128; FR 2889088 A1 20070202; FR 2889088 B1 20080822; IL 177135 A0 20061210; IL 177135 A 20100517; RU 2006127773 A 20080210; RU 2404012 C2 20101120; US 2007025851 A1 20070201; US 7562691 B2 20090721

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