

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

DOCDB simple family (publication)
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