

Title (en)

METHOD FOR PRODUCING A FOUNDRY CERAMIC CORE

Title (de)

HERSTELLUNGSVERFAHREN EINES KERAMISCHEN GUSSKERNS

Title (fr)

PROCEDE DE FABRICATION D'UN NOYAU CERAMIQUE DE FONDERIE

Publication

EP 3326734 B1 20190807 (FR)

Application

EP 17202768 A 20171121

Priority

FR 1661623 A 20161129

Abstract (en)

[origin: US2018147622A1] A production method for a ceramic casting core (20) in which one manufactures the core (20) by machining by mechanical removal of material from a fired ceramic material block (1), the machining operation comprising at least a first machining step to realize a first machined surface (6, 7) in the material block (1), and a second machining step to realize a second machined surface (9) in the material block (1), substantially opposite to the first machined surface (6). Prior to the second machining step, applying a reinforcement layer (8), made of a stiffening solution to protect the material block (1) from breaking during the second machining step, on at least part or the entire first machined surface (6, 7).

IPC 8 full level

B22C 9/10 (2006.01); **B22C 9/18** (2006.01)

CPC (source: EP US)

B22C 9/04 (2013.01 - EP US); **B22C 9/10** (2013.01 - EP US); **B22C 9/12** (2013.01 - EP US); **B22C 9/18** (2013.01 - EP)

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EP 17202768 A 20171121; FR 1661623 A 20161129; US 201715820652 A 20171122