

Title (en)

Quasi self-destructive core for investment casting

Title (de)

Quasi selbstzerstörender Kern zum Feingießen

Title (fr)

Noyau quasi autodestructeur pour moulage de précision

Publication

EP 2759359 B1 20200617 (EN)

Application

EP 13194178 A 20131123

Priority

US 201313747653 A 20130123

Abstract (en)

[origin: EP2759359A2] A composite core for forming a passage in an investment casting mold is provided including a generally hollow structural element. The structural element is configured to deform when a force is applied to an end thereof. A rigid shell element is formed about the structural element. The shell element extends beyond both an interior surface and an exterior surface of the structural element. The shell element is configured to shatter when the structural element deforms.

IPC 8 full level

B22C 9/10 (2006.01)

CPC (source: EP US)

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Cited by

EP3184196A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2759359 A2 20140730; EP 2759359 A3 20180103; EP 2759359 B1 20200617; US 2014202650 A1 20140724; US 2016243609 A1 20160825

DOCDB simple family (application)

EP 13194178 A 20131123; US 201313747653 A 20130123; US 201615051311 A 20160223