

Title (en)
Methods for attaching casting cores

Title (de)
Verfahren zum Verbinden von Gusskernen

Title (fr)
Procédés pour fixer les noyaux de moulage

Publication
EP 1857198 A1 20071121 (EN)

Application
EP 07251140 A 20070319

Priority
US 38538206 A 20060321

Abstract (en)
In a method for attaching a first casting core (120) to a second casting core (122), a first portion (136) of the first casting core (120) is brought into engagement or close proximity with a second portion (138) of the second casting core (122). The first and second portions are dipped in a ceramic slurry (150) to form a coating around the first and second portions (136,138). The coating is hardened to form a joint between the first and second portions (136,138).

IPC 8 full level
B22C 9/10 (2006.01)

CPC (source: EP US)
B22C 9/103 (2013.01 - EP US)

Citation (applicant)

- US 4141781 A 19790227 - GRESKOVICH CHARLES D, et al
- US 6241000 B1 20010605 - CONROY PATRICK L [US], et al
- US 6739380 B2 20040525 - SCHLIENGER MAX ERIC [US], et al
- GB 2211122 A 19890628 - ERANA AGUSTIN ARANA
- EP 1543896 A2 20050622 - UNITED TECHNOLOGIES CORP [US]
- WO 0078480 A1 20001228 - HOWMET RES CORP [US]
- EP 1306147 A1 20030502 - UNITED TECHNOLOGIES CORP [US]

Citation (search report)

- [Y] GB 2211122 A 19890628 - ERANA AGUSTIN ARANA
- [Y] EP 1543896 A2 20050622 - UNITED TECHNOLOGIES CORP [US]
- [A] WO 0078480 A1 20001228 - HOWMET RES CORP [US]
- [A] EP 1306147 A1 20030502 - UNITED TECHNOLOGIES CORP [US]

Cited by
KR20190128718A; JP2020512937A; WO2018178762A1; US10843255B2

Designated contracting state (EPC)
CH DE GB LI

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
US 2007221359 A1 20070927; CN 101041175 A 20070926; EP 1857198 A1 20071121; EP 1857198 B1 20110928; JP 2007253237 A 20071004; SG 136062 A1 20071029

DOCDB simple family (application)
US 38538206 A 20060321; CN 200710088189 A 20070320; EP 07251140 A 20070319; JP 2007071902 A 20070320; SG 2007017262 A 20070308