

Title (en)

METHOD FOR PRODUCING AN INTEGRATED CRUCIBLE AND MOLD FOR LOW COST GAMMA-TIAL CASTINGS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES TIEGELS MIT INTEGRIERTEM FORM ZUR PREISWERTEN HERSTELLUNG VON GAMMA-TIAL-GUSSTEILEN

Title (fr)

PROCEDE POUR LA PRODUCTION D'UN CREUSET ET MOULE INTEGRES DESTINES A DES MOULAGES DE GAMMA-TIAL DE FAIBLE COUT

Publication

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Application

EP 98911363 A 19980127

Priority

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- US 3604197 P 19970127
- US 814398 A 19980116

Abstract (en)

[origin: WO9832557A1] An integral crucible for casting of reactive metals incorporates a graphite sleeve (10) adapted for attachment of an investment pattern (14) over which a laminate of alternating layers of facecoat slurry (20) and ceramic stucco (22) are applied to form an investment shell. The layers of the laminate extend over a mating portion of the sleeve and firing of the shell vaporizes the investment pattern leaving the sleeve and shell an integral crucible

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