

Title (en)

PROCESS FOR PRODUCING FIBER COMPOSITE PRECISION CASTINGS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FASERVERBUND-FEINGUSSTEILEN

Title (fr)

PROCEDE DE FABRICATION DE PIECES COULEES DE PRECISION REALISEES EN MATERIAU COMPOSITE CONTENANT DES FIBRES

Publication

**EP 0660765 B1 19980107 (DE)**

Application

**EP 93918973 A 19930910**

Priority

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- DE 4230970 A 19920916

Abstract (en)

[origin: WO9406582A1] A process for producing fiber composite precision castings is disclosed. At least a preliminary pattern body, which is then used as part of a pattern or the pattern itself, is produced with fibers and with a pattern material. A ceramic mold is then formed around the pattern. The pattern material is then removed and liquid, liquid-solid or powdery metal is introduced into the mold; when powdery metal is introduced into the mold, it is at least partially liquefied. This process allows precision castings having an increased resistance to be produced with a relatively simple casting equipment.

IPC 1-7

**B22C 9/04**; **B22D 19/14**

IPC 8 full level

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