

Title (en)

Apparatus and method for producing a turbine blade and turbine blade

Title (de)

Vorrichtung und Verfahren zur Herstellung einer Schaufel für eine Turbine sowie entsprechend hergestellte Schaufel

Title (fr)

Dispositif et procédé de production d'aube de turbine et aube de turbine

Publication

**EP 1188500 B1 20060816 (DE)**

Application

**EP 00120035 A 20000914**

Priority

EP 00120035 A 20000914

Abstract (en)

[origin: EP1188500A1] Apparatus for producing a turbine blade comprises an outer mold (30) and several cores (34, 35) for forming the outer walls (17, 18) and a hollow chambers (24, 25). Each core has a section which extends from the outer wall to the middle bar of the blade without being part of the construction of the outer wall. Independent claims are also included for: (a) a process for the production of a turbine blade; and (b) the turbine blade formed. Preferred Features: The cores for supporting on the outer mold is provided with protrusions (39). The protrusions conically taper from the cores. The cores are fixed on one or both ends in a recess of the outer mold in the longitudinal direction of the blade.

IPC 8 full level

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CPC (source: EP US)

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