

Title (en)  
CASTING METHOD FOR PRODUCING A BLADE FOR A GAS TURBINE

Title (de)  
GIESSVERFAHREN ZUR HERSTELLUNG EINER SCHAUFEL FÜR EINE GASTURBINE

Title (fr)  
PROCÉDÉ DE COULÉE POUR PRODUIRE UNE AUBE DE TURBINE À GAZ

Publication  
**EP 3421156 B1 20200624 (EN)**

Application  
**EP 17179205 A 20170630**

Priority  
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Abstract (en)  
[origin: EP3421156A1] A casting method for producing a blade of a gas turbine, the method comprising the following steps: a) producing a pattern made of wax of the blade; b) covering the pattern with an outer shell made of slurry; c) heating the pattern covered by the outer shell for separating the wax from the outer shell; d) pouring a molten metal inside the outer shell; e) removing the outer shell from the inner solidified metal. wherein between the steps c) and d) the method comprises the additional step of inserting a filler element inside the outer shell; the filler element being made of a material suitable to go in solution when in contact with the molten metal poured inside the outer shell.

IPC 8 full level  
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US 2015209859 A1 20150730 - ZHENG JIAN [US], et al

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