

Title (en)
METHOD OF PRODUCING A COMPONENT

Title (de)
VERFAHREN ZUM HERSTELLEN EINES GASTURBINENBAUTEILS

Title (fr)
PROCEDE DE FABRICATION D'UN COMPOSANT

Publication
EP 2004346 A2 20081224 (DE)

Application
EP 07722168 A 20070404

Priority
• DE 2007000610 W 20070404
• DE 102006016949 A 20060411

Abstract (en)
[origin: WO2007115550A2] The invention relates to a method of producing a component, in particular a gas turbine component, comprising at least the following steps: a) producing a component having a plurality of component surfaces, wherein at least one transition region between two component surfaces has a transition radius which is greater than 0,05 mm and less than 0,3 mm; b) strengthening the component by ultrasonic shot peening at least at the or each transition region.

IPC 8 full level
B21D 53/78 (2006.01); **B22C 1/00** (2006.01); **B22F 3/22** (2006.01); **B23P 15/00** (2006.01); **C21D 7/00** (2006.01); **C22F 1/00** (2006.01)

CPC (source: EP US)
B22F 3/225 (2013.01 - EP US); **B22F 5/04** (2013.01 - EP US); **B24C 1/10** (2013.01 - EP US); **B24C 5/005** (2013.01 - EP US); **C21D 7/00** (2013.01 - EP US); **C22F 1/00** (2013.01 - EP US); **F01D 5/286** (2013.01 - EP US); **F05D 2230/90** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US); **Y10T 29/49336** (2015.01 - EP US)

Citation (search report)
See references of WO 2007115550A2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 2007115550 A2 20071018; **WO 2007115550 A3 20080221**; DE 102006016949 A1 20071025; EP 2004346 A2 20081224; US 2009119920 A1 20090514

DOCDB simple family (application)
DE 2007000610 W 20070404; DE 102006016949 A 20060411; EP 07722168 A 20070404; US 24763908 A 20081008