

Title (en)

METHOD FOR MANUFACTURING COMPOSITE COMPONENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VERBUNDKOMPONENTE

Title (fr)

PROCÉDÉ DE FABRICATION DE COMPOSANT COMPOSITE

Publication

EP 3495612 B1 20210512 (EN)

Application

EP 17205758 A 20171206

Priority

EP 17205758 A 20171206

Abstract (en)

[origin: EP3495612A1] The composite component (1) for a gas turbine comprises first parts (2) made out of a metal matrix (3) reinforced with carbon fibres (4) joined to second parts (6) made out of metal (7) without carbon fibres. The second parts (6) can comprise cooling elements (8).

IPC 8 full level

F01D 5/14 (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP)

F01D 5/147 (2013.01); **F01D 5/282** (2013.01); **F04D 29/023** (2013.01); **F04D 29/324** (2013.01); **F04D 29/542** (2013.01); **F05D 2300/6032** (2013.01)

Citation (examination)

- EP 3170587 A2 20170524 - AIRBUS OPERATIONS GMBH [DE]
- US 6144008 A 20001107 - RABINOVICH JOSHUA E [US]
- US 9327446 B2 20160503 - CLARK DANIEL [GB], et al

Cited by

GB2582148A; US11732586B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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EP 17205758 A 20171206; CN 201811487079 A 20181206