

Title (en)

Ceramic matrix composite components

Title (de)

Komponente mit keramikmatrix-Verbundstruktur

Title (fr)

Constituant réalisé en matériau composite de matrice céramique

Publication

EP 2543823 A3 20161026 (EN)

Application

EP 12174982 A 20120704

Priority

US 201113176076 A 20110705

Abstract (en)

[origin: EP2543823A2] A CMC component (10) has an integral airfoil (12) and root portion (14) formed by a plurality of plies (22) extending in a spanwise direction and an external feature (30) formed by a plurality of bent plies (22').

IPC 8 full level

F01D 5/28 (2006.01)

CPC (source: EP US)

F01D 5/28 (2013.01 - EP US)

Citation (search report)

- [X] EP 2006487 A1 20081224 - GEN ELECTRIC [US]
- [X] JP 2003148105 A 20030521 - ISHIKAWAJIMA HARIMA HEAVY IND
- [X] US 2002064456 A1 20020530 - MARLIN FRANCOIS [FR], et al
- [X] EP 1801354 A2 20070627 - GEN ELECTRIC [US]
- [X] FR 2939129 A1 20100604 - SNECMA PROPULSION SOLIDE [FR], et al

Cited by

EP3851641A3

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2543823 A2 20130109; EP 2543823 A3 20161026; US 2013011271 A1 20130110

DOCDB simple family (application)

EP 12174982 A 20120704; US 201113176076 A 20110705