

Title (en)
Composite abradable material

Title (de)
Abreibbares Verbundmaterial

Title (fr)
Matériau composite abradable

Publication
EP 1111194 B1 20110831 (EN)

Application
EP 00310811 A 20001205

Priority
US 47175899 A 19991223

Abstract (en)
[origin: EP1111194A2] An abradable material for use at moderate temperatures which is particularly suited for use in the compressor sections of gas turbine engines. Abradable seals of the invention comprise an abradable silicone polymer matrix which contains a dispersion of hard abradable organic filler particles.

IPC 8 full level
F01D 11/12 (2006.01); **F02C 7/28** (2006.01); **C08K 3/22** (2006.01); **C08L 83/04** (2006.01); **F04D 29/02** (2006.01); **F04D 29/16** (2006.01); **F04D 29/52** (2006.01)

CPC (source: EP)
F01D 11/122 (2013.01); **F04D 29/164** (2013.01); **F05D 2300/43** (2013.01); **F05D 2300/603** (2013.01); **F05D 2300/702** (2013.01)

Cited by
EP1821011A1; US10480330B2; GB2397342A; EP2047979A1; KR20110073489A; CN104587923A; US8231958B2; US8020875B2; WO2010030748A3; WO2009059580A1

Designated contracting state (EPC)
CH DE FR GB IE LI NL

DOCDB simple family (publication)
EP 1111194 A2 20010627; EP 1111194 A3 20030102; EP 1111194 B1 20110831; BR 0006373 A 20010724; CN 1189519 C 20050216; CN 1308100 A 20010815; JP 2001240745 A 20010904; MX PA00012937 A 20030619; SG 90198 A1 20020723

DOCDB simple family (application)
EP 00310811 A 20001205; BR 0006373 A 20001222; CN 00131052 A 20001223; JP 2000389790 A 20001222; MX PA00012937 A 20001220; SG 200006567 A 20001113