

Title (en)
ABRADABLE COATING

Title (de)
ABREIBBARE BESCHICHTUNG

Title (fr)
REVÊTEMENT ABRADABLE

Publication
EP 4110966 A1 20230104 (FR)

Application
EP 21708285 A 20210215

Priority
• FR 2001836 A 20200225
• FR 2021050262 W 20210215

Abstract (en)
[origin: WO2021170933A1] The invention relates to an abradable coating for a turbomachine, comprising a mineral compound having a Mohs hardness of 6 or less and a melting temperature of more than 450 °C or even 800 °C, and a polymeric compound with a content of between 40% and 70% by volume.

IPC 8 full level
C23C 4/04 (2006.01); **F01D 5/28** (2006.01); **F01D 11/12** (2006.01)

CPC (source: EP US)
C23C 4/04 (2013.01 - EP US); **F01D 5/288** (2013.01 - EP); **F01D 11/122** (2013.01 - EP US); **F01D 11/125** (2013.01 - EP); **C23C 4/129** (2016.01 - US); **F05D 2230/90** (2013.01 - EP US); **F05D 2300/43** (2013.01 - EP); **F05D 2300/506** (2013.01 - EP); **F05D 2300/514** (2013.01 - EP); **F05D 2300/611** (2013.01 - US); **Y02T 50/60** (2013.01 - EP)

Citation (search report)
See references of WO 2021170933A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3107524 A1 20210827; **FR 3107524 B1 20221216**; CN 115176045 A 20221011; EP 4110966 A1 20230104; US 2023089114 A1 20230323; WO 2021170933 A1 20210902

DOCDB simple family (application)
FR 2001836 A 20200225; CN 202180016077 A 20210215; EP 21708285 A 20210215; FR 2021050262 W 20210215; US 202117904264 A 20210215